

Converting Colors

XYZ(76.0515, 90.6416, 88.3266)

Have a look what the booklet for
XYZ(76.0515, 90.6416, 88.3266)
contains.

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Color

**XYZ(76.0554, 90.6431,
88.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FFE6
RGB	208, 255, 230
RGB Percent	82%, 100%, 90%
CMY	0.1843, 0.0000, 0.0980
CMYK	0.18, 0.00, 0.10, 0.00
HSL	148°, 100%, 91%
HSV	148°, 18%, 100%
XYZ	76.0554, 90.6431, 88.3502
YIQ	238.0970, -19.9870, -17.7390

Conversions

Conversions Part 2

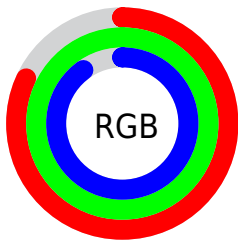
Format	Color
R_{YB}	208, 240, 255
Decimal	13696998
CIE _{Lab}	96.26, -19.70, 7.01
CIE _{LCh}	96, 20.908, 160.400
Y _{xy}	90.6431, 0.2982, 0.3554
Android (android.graphics.Color)	4291887078 (0xFFD0FFE6)
YUV	238.0970, -3.9918, -26.3951
Hunter-Lab	95.2067, -24.0178, 11.6245

Details

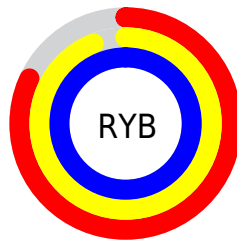
The XYZ color **76.0554, 90.6431, 88.3502** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.5044, 72.2560, 86.9001**, and the grayscale version is **81.3838, 85.6221, 93.2425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0688, 50.2556, 48.0932** is the 20% darker color. If you saturate the color by 10%, you get **67.6217, 86.5069, 78.3968**, and if you desaturate by 10%, it is **85.7916, 95.4335, 99.1411**.

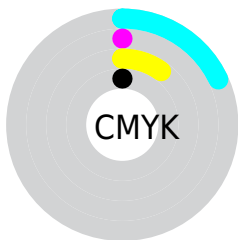
Distribution



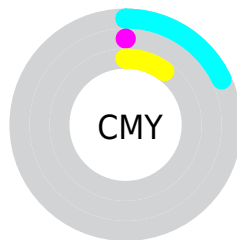
- Red (82%)
- Green (100%)
- Blue (90%)



- Red (82%)
- Yellow (94%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0554, 90.6431, 88.3502 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.0554, 90.6431, 88.3502 by changing the saturation by 10% instead.


 76.0554, 90.6431,
88.3502

 76.0554, 90.6431,
88.3502


470.4788,
530.1206, 543.0804

 56.7752, 68.5142,
66.0471


126.7852,
148.2314, 146.9600

 41.0642, 50.3161,
47.8540


158.9654,
184.4595, 184.1039

 28.5571, 35.6647,
33.3521


196.1763,
226.1561, 227.0318

 18.8886, 24.1753,
22.1230

238.7833,
273.7056, 276.1622

 11.6934, 15.4637,
13.7481

287.1516,
327.4924, 331.9138

 6.6060, 9.1455,
7.8089

341.6468,

 3.2610, 4.8362,

387.9009, 394.7049

3.8869

402.6341,
455.3155, 464.9543

■ 1.2933, 2.1515,
1.5635

■ 0.1782, 0.6933,
0.2646

■ 76.0554, 90.6431,
88.3502

■ 76.0554, 90.6431,
88.3502

■ 67.6217, 86.5069,
78.3968

■ 85.7916, 95.4335,
99.1411

■ 60.4296, 82.9942,
69.2564

95.0500, 100.0000,
108.9000

■ 54.4172, 80.0732,
60.9092

■ 49.5157, 77.7089,
53.3334

■ 45.6489, 75.8626,
46.5056

■ 42.7303, 74.4901,
40.4015

■ 40.6583, 73.5395,
34.9947

■ 39.2917, 72.9385,
30.2562

■ 39.1118, 72.8607,
29.5703

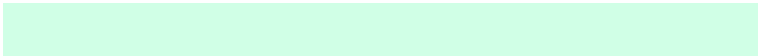
Harmonies

Analogous

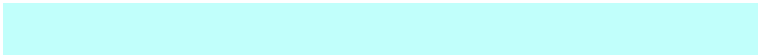
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1164, 90.6431, 76.2871



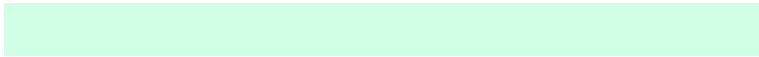
76.0554, 90.6431, 88.3502



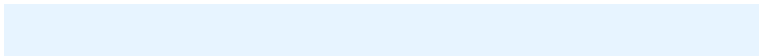
75.6296, 90.6431, 104.5819

Triad

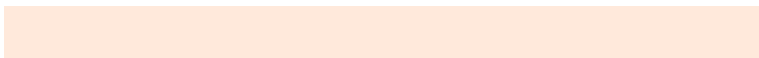
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0554, 90.6431, 88.3502



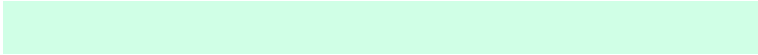
88.1853, 90.6431, 133.6134



94.9410, 90.6431, 79.3832

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.0554, 90.6431, 88.3502



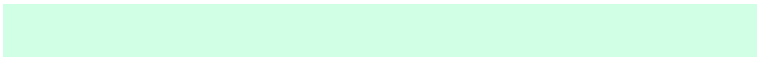
78.5044, 72.2560, 86.9001

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.6111, 90.6431, 93.0331



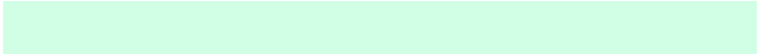
76.0554, 90.6431, 88.3502



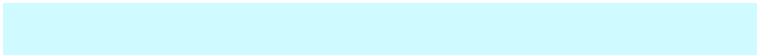
93.5961, 90.6431, 125.1100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



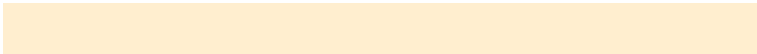
76.0554, 90.6431, 88.3502



82.4614, 90.6431, 131.9952



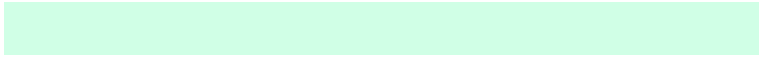
97.1082, 90.6431, 109.8172



89.9543, 90.6431, 71.5269

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



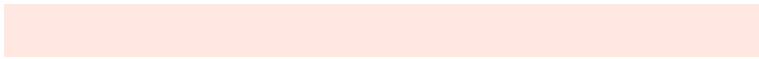
76.0554, 90.6431, 88.3502



76.8758, 90.6431, 115.7804



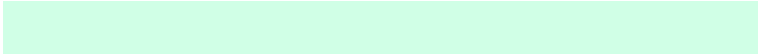
97.1082, 90.6431, 109.8172



96.1492, 90.6431, 83.3788

Sweetspot

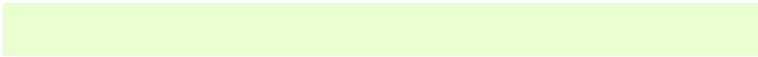
The Sweet Spot groups the original color and five complimentary colors.



76.0562, 90.6435, 88.3516



88.3606, 96.6997, 101.8918



80.7718, 93.4092, 73.4485



18.7633, 20.6240, 21.6498



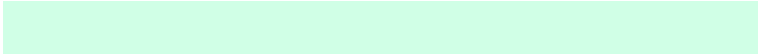
0.0000, 0.0000, 0.0000



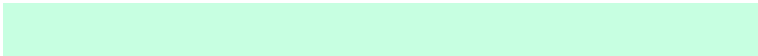
20.3446, 21.4041, 23.3091

Same Dimension

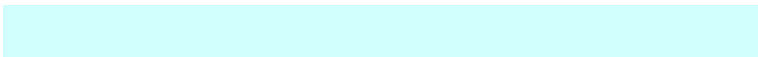
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0562, 90.6435, 88.3516



72.8992, 89.0934, 84.7036



79.5718, 92.0497, 106.8644



18.1254, 20.3097, 20.9636



20.5106, 38.1009, 15.8402



2.0517, 3.7316, 1.8298

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.5044, 72.2560, 86.9001



75.7469, 67.7034, 83.0140



75.3756, 71.0044, 70.4239



18.4132, 18.1486, 20.7931



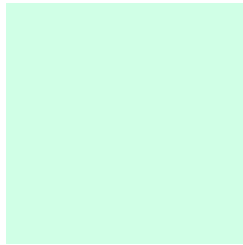
23.9335, 12.0627, 13.5660



2.3855, 1.1966, 1.6117

Previews

White Background



This preview shows how the XYZ color 76.0554, 90.6431, 88.3502 looks on a white background.

Color Contrast Check

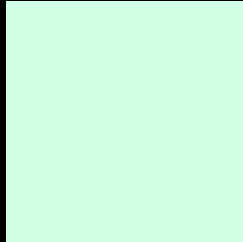
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.0554, 90.6431, 88.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

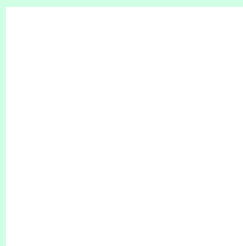
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0554, 90.6431, 88.3502

Background



This preview shows how black text looks on a background with the XYZ color 76.0554, 90.6431, 88.3502.



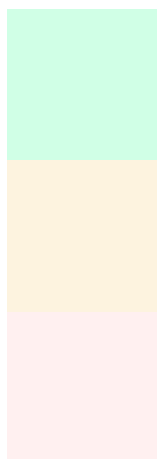
This preview shows how white text looks on a background with the XYZ color 76.0554, 90.6431,

88.3502.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.0554, 90.6431, 88.3502

Protanopia

85.8779, 90.3115, 82.7177

Deuteranopia

88.1283, 89.8714, 95.1401



Tritanopia

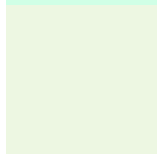
84.2845, 90.2873, 107.5927

Trichromacy



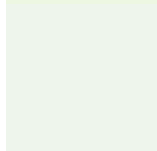
Original Color

76.0554, 90.6431, 88.3502



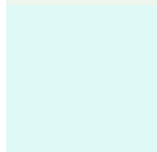
Protanomaly

81.9133, 90.0170, 85.0092



Deuteranomaly

83.0526, 89.5381, 92.2621



Tritanomaly

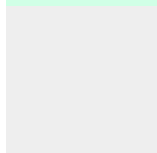
80.9417, 90.0932, 100.3124

Monochromacy



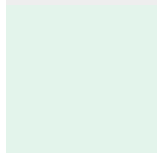
Original Color

76.0554, 90.6431, 88.3502



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.0246, 87.0304, 91.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0554, 90.6431, 88.3502 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(208, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 230)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.0554, 90.6431, 88.3502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 255, 230) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(208, 255, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(208, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0554, 90.6431, 88.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
255, 230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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