

Converting Colors

XYZ(76.2434, 90.3537,
105.8136)

Have a look what the booklet for
XYZ(76.2434, 90.3537, 105.8136)
contains.

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Color

**XYZ(76.0956, 90.2840,
105.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FFFC
RGB	196, 255, 252
RGB Percent	77%, 100%, 99%
CMY	0.2314, 0.0000, 0.0118
CMYK	0.23, 0.00, 0.01, 0.00
HSL	177°, 100%, 88%
HSV	177°, 23%, 100%
XYZ	76.0956, 90.2840, 105.5114
YIQ	237.0170, -34.2010, -13.4410

Conversions

Conversions Part 2

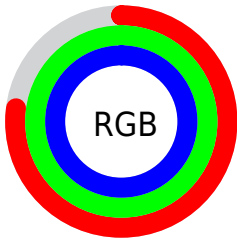
Format	Color
R_{YB}	196, 226, 255
Decimal	12910588
CIE _{Lab}	96.11, -18.98, -4.61
CIE _{LCh}	96, 19.528, 193.665
Y _{xy}	90.2840, 0.2799, 0.3321
Android (android.graphics.Color)	4291100668 (0xFFC4FFFC)
YUV	237.0170, 7.3866, -35.9719
Hunter-Lab	95.0179, -23.3286, 0.6747

Details

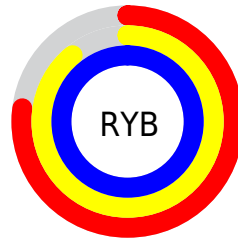
The XYZ color **76.0956, 90.2840, 105.5114** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2894, 64.8646, 62.7961**, and the grayscale version is **80.4730, 84.6639, 92.1989**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **41.0289, 49.9910, 59.1165** is the 20% darker color. If you saturate the color by 10%, you get **69.8127, 87.0687, 104.1504**, and if you desaturate by 10%, it is **83.5092, 94.0820, 106.9356**.

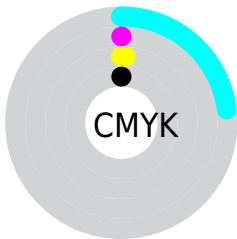
Distribution



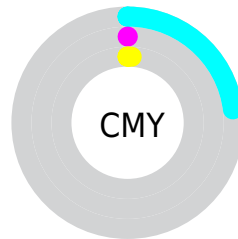
- Red (77%)
- Green (100%)
- Blue (99%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0956, 90.2840, 105.5114 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 76.0956, 90.2840, 105.5114 by changing the saturation by 10% instead.

76.0956, 90.2840,
105.5114

76.0956, 90.2840,
105.5114

470.6143,
528.9543, 599.1188

56.8082, 68.2162,
80.2688

126.8417,
147.7328, 170.8284

41.0908, 50.0737,
59.4121

159.0311,
183.8826, 211.7399

28.5781, 35.4719,
42.5228

196.2519,
225.4953, 258.7114

18.9045, 24.0266,
29.1822

238.8694,
272.9551, 312.1616

11.7049, 15.3534,
18.9720

287.2491,
326.6465, 372.5088

6.6138, 9.0678,
11.4734

341.7562,

3.2660, 4.7854,

386.9539, 440.1718

6.2680

402.7561,
454.2617, 515.5689

■ 1.2959, 2.1219,
2.9373

■ 0.1802, 0.6769,
1.0627

■ 76.0956, 90.2840,
105.5114

■ 76.0956, 90.2840,
105.5114

■ 69.8127, 87.0687,
104.1504

■ 83.5092, 94.0820,
106.9356

■ 64.6005, 84.4052,
102.8453

■ 92.1034, 98.4885,
108.4209

■ 60.3979, 82.2620,
101.5947

■ 95.0500, 100.0000,
108.9000

■ 57.1368, 80.6040,
100.3955

■ 54.7404, 79.3916,
99.2440

■ 53.1199, 78.5791,
98.1360

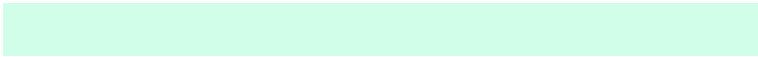
■ 52.1675, 78.1107,
97.0665

■ 51.7932, 77.9333,
96.3497

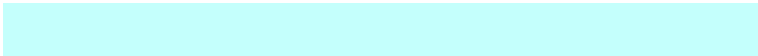
Harmonies

Analogous

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



76.2115, 90.2840, 90.1602



76.0956, 90.2840, 105.5114



78.5047, 90.2840, 120.3420

Triad

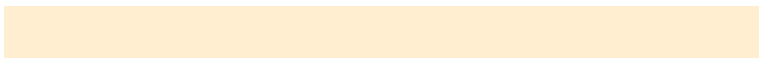
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0956, 90.2840, 105.5114



93.1969, 90.2840, 121.4693



88.7715, 90.2840, 72.3959

Complementary

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



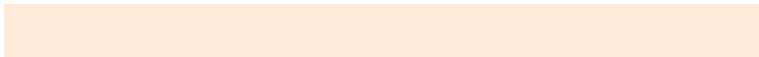
76.0956, 90.2840, 105.5114



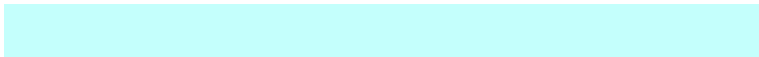
71.2894, 64.8646, 62.7961

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.



93.5597, 90.2840, 79.1353



76.0956, 90.2840, 105.5114



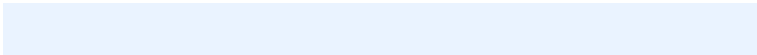
96.1872, 90.2840, 106.9238

Square

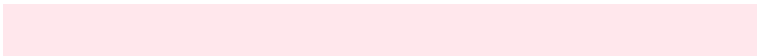
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0956, 90.2840, 105.5114



88.2933, 90.2840, 130.1882



96.3227, 90.2840, 91.4324



83.3781, 90.2840, 72.1032

Rectangle

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



76.0956, 90.2840, 105.5114



81.2795, 90.2840, 127.4950



96.3227, 90.2840, 91.4324



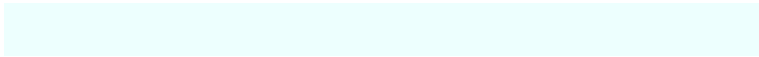
90.5104, 90.2840, 73.9477

Sweetspot

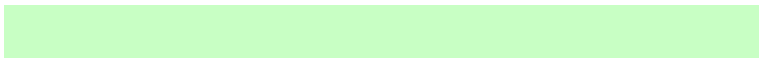
The Sweet Spot groups the original color and five complimentary colors.



76.0966, 90.2845, 105.5129



88.6394, 96.7121, 107.8394



69.5264, 87.7762, 65.5042



18.8602, 20.6428, 23.0628



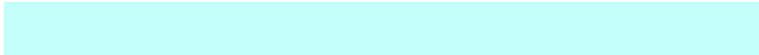
0.0000, 0.0000, 0.0000



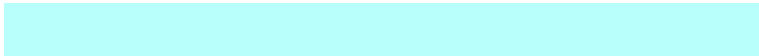
20.3446, 21.4041, 23.3091

Same Dimension

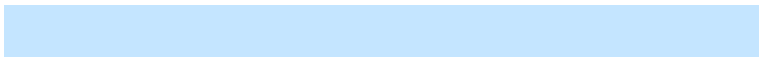
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0966, 90.2845, 105.5129



72.9027, 88.6495, 104.8429



68.9553, 75.2355, 105.4953



18.5126, 20.4646, 23.0025



27.0805, 40.7288, 50.4364



2.6485, 3.9703, 4.9728

Inverse Universe

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



71.2894, 64.8646, 62.7961



67.2916, 58.9727, 54.9783



77.2108, 77.2591, 63.0692



18.0468, 18.0020, 18.8635



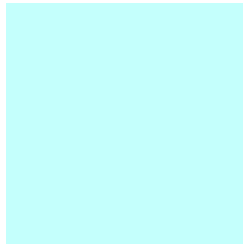
21.6020, 11.1301, 1.2889



2.1159, 1.0887, 0.1917

Previews

White Background



This preview shows how the XYZ color 76.0956, 90.2840, 105.5114 looks on a white background.

Color Contrast Check

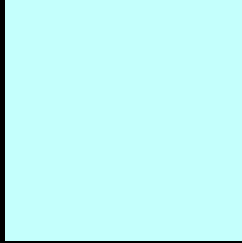
Large Text (above 18pt) WCAG AA × Fail

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 76.0956, 90.2840, 105.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

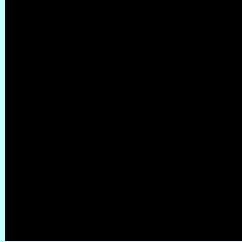
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0956, 90.2840, 105.5114

Background



This preview shows how black text looks on a background with the XYZ color 76.0956, 90.2840, 105.5114.

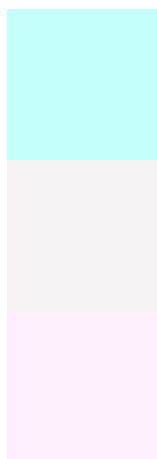


This preview shows how white text looks on a background with the XYZ color 76.0956, 90.2840,

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

76.0956, 90.2840, 105.5114

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

89.3852, 89.4373, 104.6475



Tritanopia

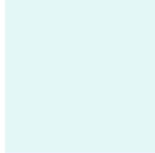
82.9893, 90.0724, 107.6195

Trichromacy



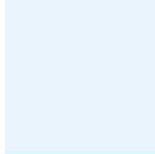
Original Color

76.0956, 90.2840, 105.5114



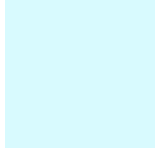
Protanomaly

82.0442, 89.7309, 100.9913



Deuteranomaly

83.8531, 89.2221, 104.8975



Tritanomaly

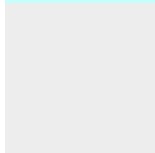
80.3939, 90.1259, 106.9248

Monochromacy



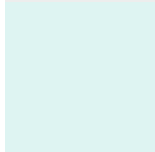
Original Color

76.0956, 90.2840, 105.5114



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5019, 86.6418, 96.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0956, 90.2840, 105.5114 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(196, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 252)  
}
```

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(196, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.0956, 90.2840, 105.5114 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(196, 255, 252) }
```


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

```
.border{ border-color:rgb(196, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0956, 90.2840, 105.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 252) }
```

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

```
.background{ background-color: rgb(196,  
255, 252) }
```

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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