

Converting Colors

XYZ(76.2551, 89.2857, 95.5266)

Have a look what the booklet for
XYZ(76.2551, 89.2857, 95.5266)
contains.

XYZ(76.2707, 89.1775, 95.6312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2707, 89.1775,
95.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFCF0
RGB	207, 252, 240
RGB Percent	81%, 99%, 94%
CMY	0.1882, 0.0117, 0.0588
CMYK	0.18, 0.00, 0.05, 0.01
HSL	164°, 88%, 90%
HSV	164°, 18%, 99%
XYZ	76.2707, 89.1775, 95.6312
YIQ	237.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

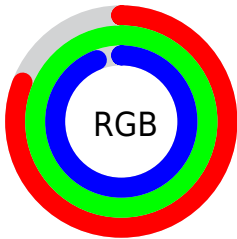
Format	Color
R_{YB}	207, 233, 252
Decimal	13630704
CIE _{Lab}	95.65, -16.64, 0.98
CIE _{LCh}	96, 16.665, 176.646
Yxy	89.1775, 0.2921, 0.3416
Android (android.graphics.Color)	4291820784 (0xFFCFFCF0)
YUV	237.1770, 1.3917, -26.4652
Hunter-Lab	94.4338, -21.0914, 6.0619

Details

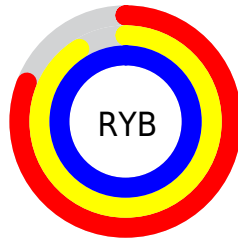
The XYZ color **76.2707, 89.1775, 95.6312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.2470, 70.4379, 76.6516**, and the grayscale version is **80.6369, 84.8363, 92.3868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1157, 49.1663, 52.6704** is the 20% darker color. If you saturate the color by 10%, you get **68.8047, 85.4443, 90.1669**, and if you desaturate by 10%, it is **84.9024, 93.5122, 101.3469**.

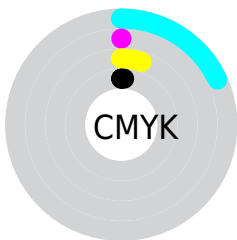
Distribution



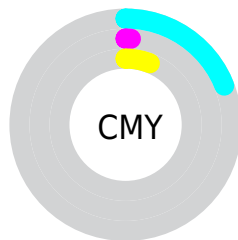
- Red (81%)
- Green (99%)
- Blue (94%)



- Red (81%)
- Yellow (91%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2707, 89.1775, 95.6312 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 76.2707, 89.1775, 95.6312 by changing the saturation by 10% instead.

76.2707, 89.1775,
95.6312

76.2707, 89.1775,
95.6312

471.2040,
525.3516, 567.2196

56.9523, 67.2987,
72.0606

127.0878,
146.1954, 157.1394

41.2070, 49.3274,
52.7211

159.3173,
182.1032, 195.9142

28.6692, 34.8793,
37.1940

196.5811,
223.4562, 240.5941

18.9738, 23.5699,
25.0607

239.2447,
270.6387, 291.5976

11.7552, 15.0149,
15.9029

287.6735,
324.0350, 349.3434

6.6482, 8.8298,
9.3018

342.2327,

3.2875, 4.6303,

384.0297, 414.2500

4.8391

403.2878,
451.0071, 486.7359

■ 1.3075, 2.0321,
2.0961

■ 0.1889, 0.6260,
0.6134

■ 76.2707, 89.1775,
95.6312

■ 76.2707, 89.1775,
95.6312

■ 68.8047, 85.4443,
90.1669

■ 84.9024, 93.5122,
101.3469

■ 62.4433, 82.2739,
84.9435

■ 93.8527, 98.0044,
107.2708

■ 57.1310, 79.6401,
79.9581

■ 94.1021, 98.1041,
108.5840

■ 52.8046, 77.5105,
75.2056

■ 49.3939, 75.8488,
70.6807

■ 46.8188, 74.6139,
66.3774

■ 44.9853, 73.7573,
62.2889

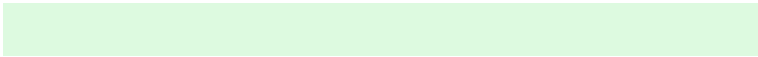
■ 43.7670, 73.2139,
58.4072

■ 43.5468, 73.1180,
57.6005

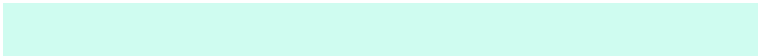
Harmonies

Analogous

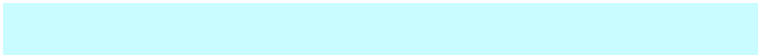
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6163, 89.1775, 83.8836



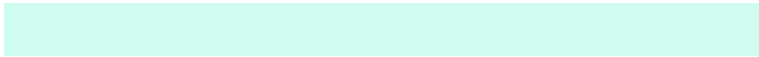
76.2707, 89.1775, 95.6312



77.1315, 89.1775, 108.8534

Triad

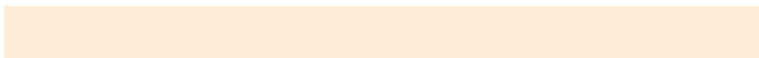
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2707, 89.1775, 95.6312



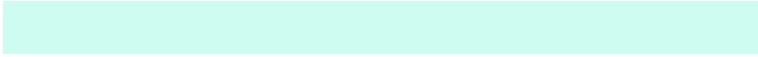
88.7711, 89.1775, 121.4276



89.6945, 89.1775, 77.5215

Complementary

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



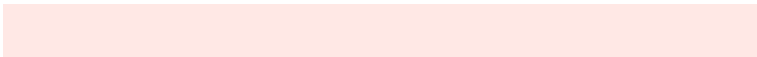
76.2707, 89.1775, 95.6312



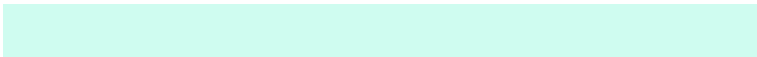
75.2470, 70.4379, 76.6516

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.



92.8768, 89.1775, 86.2230



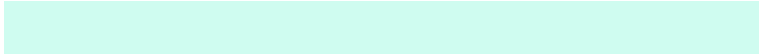
76.2707, 89.1775, 95.6312



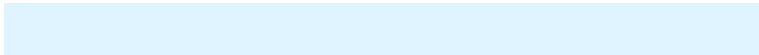
92.3303, 89.1775, 111.6345

Square

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



76.2707, 89.1775, 95.6312



84.2464, 89.1775, 124.5119



93.8581, 89.1775, 98.5820



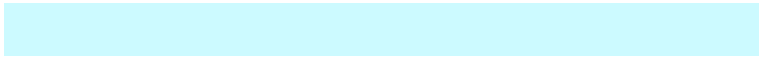
85.2767, 89.1775, 74.0376

Rectangle

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



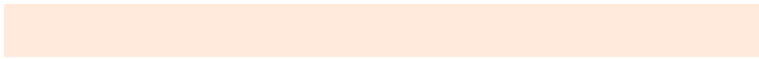
76.2707, 89.1775, 95.6312



78.8582, 89.1775, 116.6140



93.8581, 89.1775, 98.5820



90.9503, 89.1775, 79.8927

Sweetspot

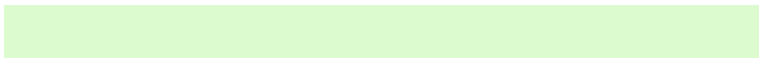
The Sweet Spot groups the original color and five complimentary colors.



76.2732, 89.1812, 95.6332



89.9711, 97.4444, 105.8295



75.5153, 89.3064, 72.2906



19.1102, 20.7830, 22.5606



0.0000, 0.0000, 0.0000



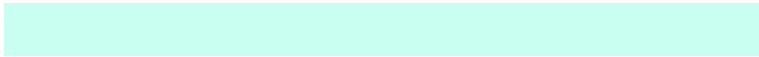
20.3446, 21.4041, 23.3091

Same Dimension

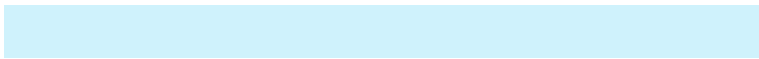
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2732, 89.1812, 95.6332



75.8035, 90.3339, 96.4385



75.1322, 83.9502, 104.3440



17.5566, 19.5249, 21.1316



22.7474, 38.1119, 30.3426



2.1507, 3.5474, 3.0415

Inverse Universe

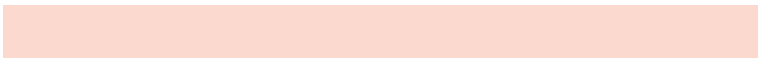
The Inverse Universe completely reimagines the original color for something new.



75.2470, 70.4379, 76.6516



74.5919, 68.1875, 74.0150



76.1587, 74.6999, 69.4374



17.4347, 17.3012, 18.8789



21.4948, 11.0136, 4.0481



2.0328, 1.0368, 0.5960

Previews

White Background



This preview shows how the XYZ color 76.2707, 89.1775, 95.6312 looks on a white background.

Color Contrast Check

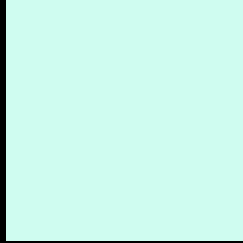
Large Text (above 18pt) WCAG AA × Fail

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 76.2707, 89.1775, 95.6312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

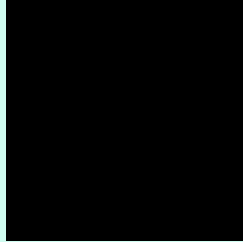
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

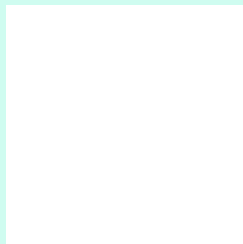
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2707, 89.1775, 95.6312

Background



This preview shows how black text looks on a background with the XYZ color 76.2707, 89.1775, 95.6312.



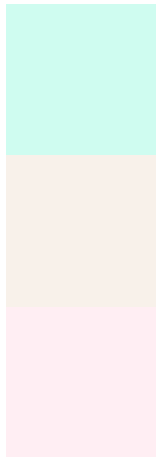
This preview shows how white text looks on a background with the XYZ color 76.2707, 89.1775,

95.6312.

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

76.2707, 89.1775, 95.6312

Protanopia

85.0180, 88.8076, 90.5025

Deuteranopia

87.9922, 88.8801, 97.3119



Tritanopia

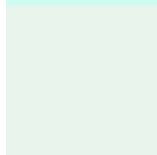
82.6973, 89.0188, 107.4315

Trichromacy



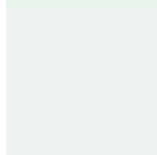
Original Color

76.2707, 89.1775, 95.6312



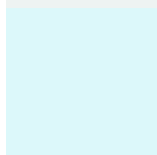
Protanomaly

81.3970, 88.6846, 92.1846



Deuteranomaly

83.3375, 88.6891, 96.7308



Tritanomaly

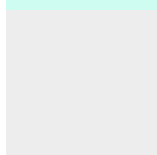
80.3379, 89.2526, 103.4357

Monochromacy



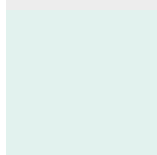
Original Color

76.2707, 89.1775, 95.6312



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5488, 85.8461, 93.3189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2707, 89.1775, 95.6312 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(207, 252, 240)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 240)  
}
```

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(207, 252, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.2707, 89.1775, 95.6312 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(207, 252, 240) }
```


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

```
.border{ border-color:rgb(207, 252, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 252, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2707, 89.1775, 95.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 240) }
```

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

```
.background{ background-color: rgb(207,  
252, 240) }
```

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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