

Converting Colors

XYZ(126.2180, 194.1945,
122.2511)

Have a look what the booklet for
XYZ(126.2180, 194.1945, 122.2511)
contains.

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Color

**XYZ(73.6661, 89.0498,
104.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFFFF
RGB	187, 255, 251
RGB Percent	73%, 100%, 98%
CMY	0.2667, 0.0000, 0.0157
CMYK	0.27, 0.00, 0.02, 0.00
HSL	176°, 100%, 87%
HSV	176°, 27%, 100%
XYZ	73.6661, 89.0498, 104.5725
YIQ	234.2120, -39.2440, -15.6600

Conversions

Conversions Part 2

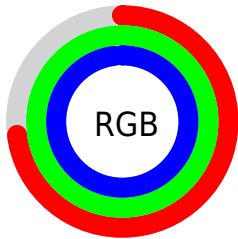
Format	Color
RYB	187, 222, 255
Decimal	12320763
CIELab	95.60, -21.76, -4.91
CIELCh	96, 22.304, 192.715
Yxy	89.0498, 0.2756, 0.3332
Android (android.graphics.Color)	4290510843 (0xFFBBFFFB)
YUV	234.2120, 8.2765, -41.4049
Hunter-Lab	94.3662, -25.7965, 0.3538

Details

The XYZ color **73.6661, 89.0498, 104.5725** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4151, 60.5636, 57.3751**, and the grayscale version is **78.3278, 82.4069, 89.7411**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **39.5601, 49.2338, 59.0478** is the 20% darker color. If you saturate the color by 10%, you get **67.7369, 86.0204, 103.0674**, and if you desaturate by 10%, it is **80.7069, 92.6520, 106.1423**.

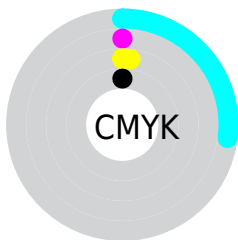
Distribution



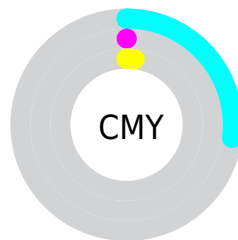
- Red (73%)
- Green (100%)
- Blue (98%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6661, 89.0498, 104.5725 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 73.6661, 89.0498, 104.5725 by changing the saturation by 10% instead.

73.6661, 89.0498,
104.5725

73.6661, 89.0498,
104.5725

462.3883,
524.9350, 596.1266

54.8111, 67.1928,
79.4866

123.4204,
146.0178, 169.5333

39.4838, 49.2413,
58.7723

155.0504,
181.8976, 210.2452

27.3187, 34.8110,
42.0110

191.6695,
223.2206, 257.0029

17.9505, 23.5173,
28.7843

233.6430,
270.3709, 310.2249

11.0139, 14.9759,
18.6735

281.3363,
323.7332, 370.3297

6.1436, 8.8025,
11.2602

335.1147,

2.9741, 4.6126,

383.6917, 437.7359

6.1258

395.3436,
450.6308, 512.8620

■ 1.1401, 2.0218,
2.8517

■ 0.0582, 0.6201,
1.0194

■ 73.6661, 89.0498,
104.5725

■ 73.6661, 89.0498,
104.5725

■ 67.7369, 86.0204,
103.0674

■ 80.7069, 92.6520,
106.1423

■ 62.8576, 83.5320,
101.6197

■ 88.9104, 96.8535,
107.7749

■ 58.9652, 81.5522,
100.2279

95.0500, 100.0000,
108.9000

■ 55.9887, 80.0443,
98.8887

■ 53.8476, 78.9669,
97.5983

■ 52.4476, 78.2713,
96.3522

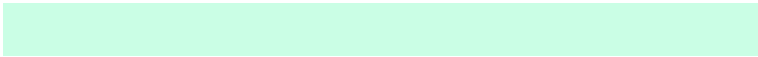
■ 51.6699, 77.8963,
95.1449

■ 51.4891, 77.8116,
94.7481

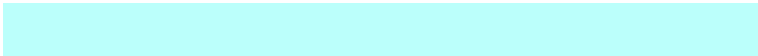
Harmonies

Analogous

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



73.8878, 89.0498, 87.2827



73.6661, 89.0498, 104.5725



76.2802, 89.0498, 121.6786

Triad

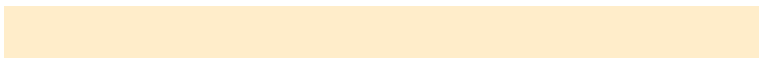
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6661, 89.0498, 104.5725



92.8795, 89.0498, 123.9039



88.1857, 89.0498, 68.1967

Complementary

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



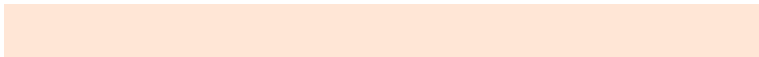
73.6661, 89.0498, 104.5725



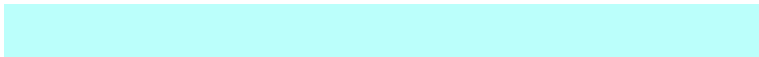
68.4151, 60.5636, 57.3751

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.



93.5876, 89.0498, 75.8387



73.6661, 89.0498, 104.5725



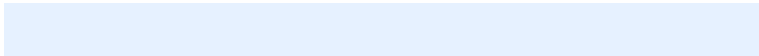
96.3859, 89.0498, 107.3276

Square

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



73.6661, 89.0498, 104.5725



87.2571, 89.0498, 133.7107



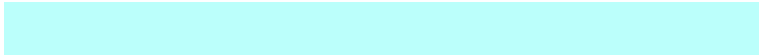
96.6511, 89.0498, 89.7264



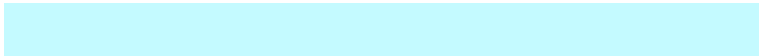
82.0742, 89.0498, 67.6478

Rectangle

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



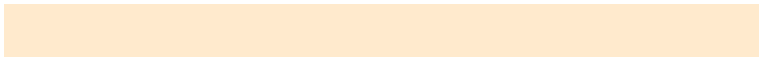
73.6661, 89.0498, 104.5725



79.3559, 89.0498, 130.1199



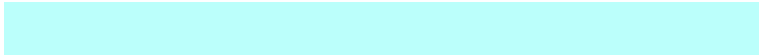
96.6511, 89.0498, 89.7264



90.1518, 89.0498, 69.9747

Sweetspot

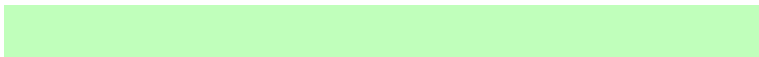
The Sweet Spot groups the original color and five complimentary colors.



73.6672, 89.0503, 104.5740



87.7465, 96.2571, 107.5532



66.3510, 86.2540, 60.1671



18.5060, 20.4619, 22.9676



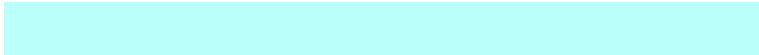
0.0000, 0.0000, 0.0000



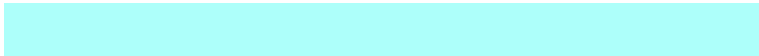
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6672, 89.0503, 104.5740



70.3692, 87.3647, 103.7628



65.6143, 71.9252, 105.0324



18.5060, 20.4619, 22.9676



26.9240, 40.6662, 49.6127



2.6350, 3.9649, 4.9016

Inverse Universe

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



68.4151, 60.5636, 57.3751



64.3162, 54.5231, 49.3580



74.8860, 74.2001, 57.3906



18.0527, 18.0044, 18.8945



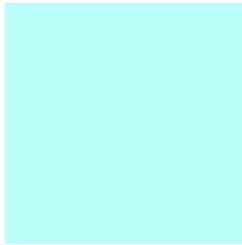
21.6106, 11.1335, 1.3341



2.1187, 1.0898, 0.2063

Previews

White Background



This preview shows how the XYZ color 73.6661, 89.0498, 104.5725 looks on a white background.

Color Contrast Check

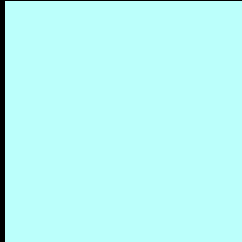
Large Text (above 18pt) WCAG AA × Fail

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 73.6661, 89.0498, 104.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

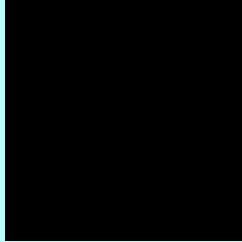
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

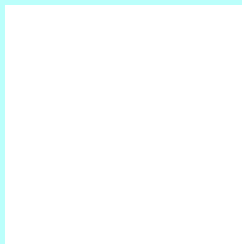
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6661, 89.0498, 104.5725

Background



This preview shows how black text looks on a background with the XYZ color 73.6661, 89.0498, 104.5725.



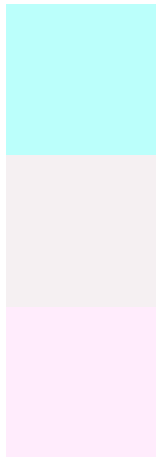
This preview shows how white text looks on a background with the XYZ color 73.6661, 89.0498,

104.5725.

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

73.6661, 89.0498, 104.5725

Protanopia

84.8433, 88.1435, 96.5461

Deuteranopia

88.8061, 88.2792, 104.4545



Tritanopia

81.1300, 88.6611, 107.4450

Trichromacy



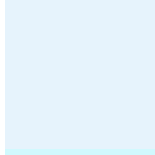
Original Color

73.6661, 89.0498, 104.5725



Protanomaly

79.8743, 87.7447, 99.1128



Deuteranomaly

82.2544, 87.9525, 104.7367



Tritanomaly

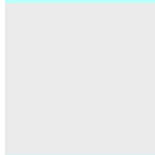
78.0596, 88.4624, 106.7267

Monochromacy



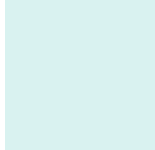
Original Color

73.6661, 89.0498, 104.5725



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.0956, 84.5472, 94.7467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6661, 89.0498, 104.5725 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(187, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 251)  
}
```

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(187, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.6661, 89.0498, 104.5725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

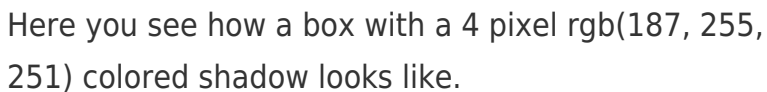
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 255, 251) }
```


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

```
.border{ border-color:rgb(187, 255, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6661, 89.0498, 104.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 251) }
```

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

```
.background{ background-color: rgb(187,  
255, 251) }
```

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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