

Converting Colors

XYZ(71.8224, 83.7022, 98.0304)

Have a look what the booklet for
XYZ(71.8224, 83.7022, 98.0304)
contains.

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Color

**XYZ(71.7465, 83.5722,
97.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F5F4
RGB	196, 245, 244
RGB Percent	77%, 96%, 96%
CMY	0.2314, 0.0392, 0.0431
CMYK	0.20, 0.00, 0.00, 0.04
HSL	179°, 71%, 86%
HSV	179°, 20%, 96%
XYZ	71.7465, 83.5722, 97.9376
YIQ	230.2350, -28.8830, -10.6990

Conversions

Conversions Part 2

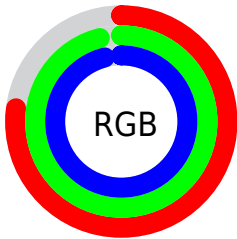
Format	Color
RYB	196, 221, 245
Decimal	12908020
CIELab	93.26, -15.71, -4.67
CIElCh	93, 16.390, 196.568
Yxy	83.5722, 0.2833, 0.3300
Android (android.graphics.Color)	4291098100 (0xFFC4F5F4)
YUV	230.2350, 6.7861, -30.0241
Hunter-Lab	91.4178, -19.8909, 0.4740

Details

The XYZ color **71.7465, 83.5722, 97.9376** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.4771, 62.9259, 61.4163**, and the grayscale version is **75.3563, 79.2807, 86.3367**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **38.2592, 45.6888, 54.3793** is the 20% darker color. If you saturate the color by 10%, you get **65.8114, 80.5235, 97.2646**, and if you desaturate by 10%, it is **78.7273, 87.1643, 98.6642**.

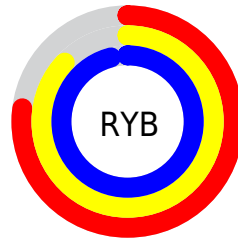
Distribution



Red (77%)

Green (96%)

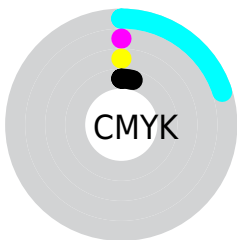
Blue (96%)



Red (77%)

Yellow (87%)

Blue (96%)

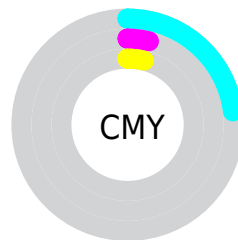


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7465, 83.5722, 97.9376 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 71.7465, 83.5722, 97.9376 by changing the saturation by 10% instead.

71.7465, 83.5722,
97.9376

71.7465, 83.5722,
97.9376

455.8301,
506.8915, 574.7501

53.2363, 62.6623,
73.9720

120.7088,
138.3766, 160.3471

38.2197, 45.5681,
54.2745

151.8917,
173.0399, 199.6282

26.3312, 31.9051,
38.4265

188.0295,
213.0564, 244.8514

17.2056, 21.2890,
26.0095

229.4876,
258.8106, 296.4355

10.4774, 13.3354,
16.6049

276.6313,
310.6868, 354.7988

5.7813, 7.6599,
9.7942

329.8261,

2.7519, 3.8781,

369.0694, 420.3600

5.1589

389.4373,
434.3429, 493.5376

■ 1.0240, 1.6056,
2.2804

■ 0.0000, 0.3614,
0.7202

■ 71.7465, 83.5722,
97.9376

■ 71.7465, 83.5722,
97.9376

■ 65.8114, 80.5235,
97.2646

■ 78.7273, 87.1643,
98.6642

■ 60.8643, 77.9819,
96.6371

■ 86.7935, 91.3137,
99.4409

■ 56.8529, 75.9227,
96.0545

■ 90.4527, 93.1913,
100.0124

■ 53.7173, 74.3150,
95.5140

■ 90.5296, 93.2220,
100.4173

■ 51.3907, 73.1243,
95.0124

■ 90.6067, 93.2529,
100.8234

■ 49.7966, 72.3111,
94.5462

■ 90.6841, 93.2838,
101.2305

■ 48.8438, 71.8286,
94.1110

■ 90.7616, 93.3148,
101.6388

■ 48.3805, 71.5984,
93.6999

■ 90.8393, 93.3459,
102.0481

■ 90.9173, 93.3771,
102.4586

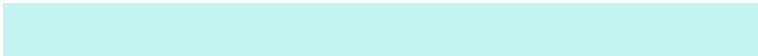
Harmonies

Analogous

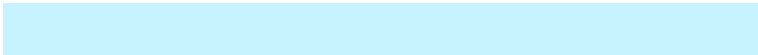
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6368, 83.5722, 85.5896



71.7465, 83.5722, 97.9376



73.8669, 83.5722, 109.3555

Triad

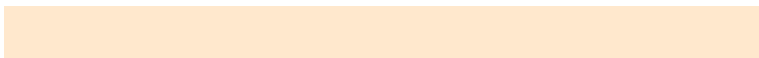
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7465, 83.5722, 97.9376



85.6085, 83.5722, 108.3201



81.3749, 83.5722, 69.7952

Complementary

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



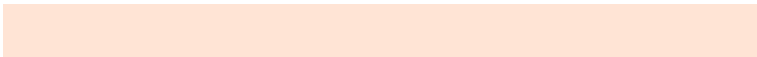
71.7465, 83.5722, 97.9376



67.4771, 62.9259, 61.4163

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.



85.2717, 83.5722, 74.8156



71.7465, 83.5722, 97.9376



87.7750, 83.5722, 96.6252

Square

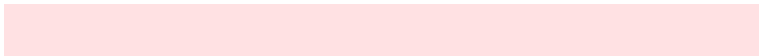
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7465, 83.5722, 97.9376



81.8211, 83.5722, 115.7110



87.6495, 83.5722, 84.3903



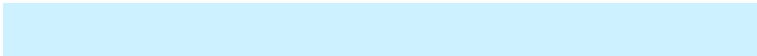
77.0916, 83.5722, 70.0774

Rectangle

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



71.7465, 83.5722, 97.9376



76.1805, 83.5722, 114.5731



87.6495, 83.5722, 84.3903



82.7765, 83.5722, 70.8977

Sweetspot

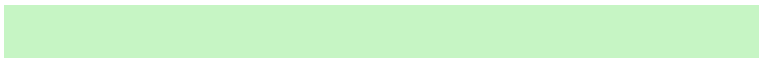
The Sweet Spot groups the original color and five complimentary colors.



71.7489, 83.5756, 97.9395



89.5930, 97.1926, 108.3816



65.8109, 81.2498, 64.4403



19.0551, 20.7407, 23.1863



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

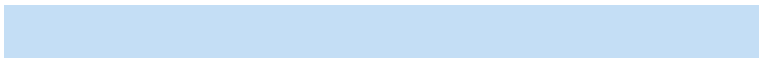
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7489, 83.5756, 97.9395



75.8058, 90.1025, 106.9500



65.4055, 70.6444, 96.5786



16.9812, 18.7516, 21.1854



26.0692, 38.5725, 50.5114



2.2958, 3.3920, 4.4637

Inverse Universe

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



67.4771, 62.9259, 61.4163



70.3436, 63.6971, 60.2483



72.9197, 73.9944, 62.6652



16.5129, 16.4880, 17.1815



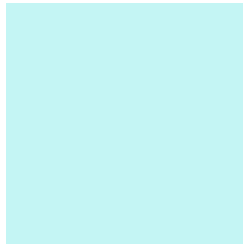
20.3070, 10.4663, 1.0593



1.7895, 0.9218, 0.1181

Previews

White Background



This preview shows how the XYZ color 71.7465, 83.5722, 97.9376 looks on a white background.

Color Contrast Check

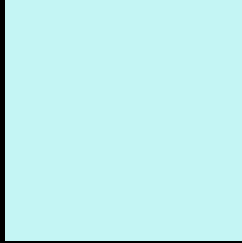
Large Text (above 18pt) WCAG AA × Fail

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 71.7465, 83.5722, 97.9376 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 71.7465, 83.5722, 97.9376

Background



This preview shows how black text looks on a background with the XYZ color 71.7465, 83.5722, 97.9376.

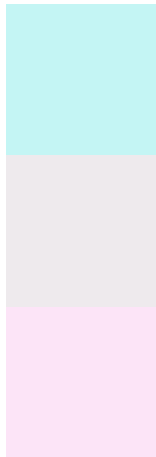


This preview shows how white text looks on a background with the XYZ color 71.7465, 83.5722,

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

71.7465, 83.5722, 97.9376

Protanopia

79.9688, 83.1372, 91.9530

Deuteranopia

84.6768, 82.8977, 99.5336



Tritanopia

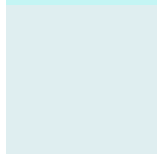
75.7884, 83.2418, 106.6805

Trichromacy



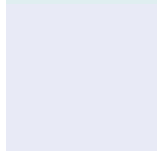
Original Color

71.7465, 83.5722, 97.9376



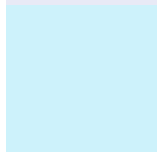
Protanomaly

76.7341, 83.1283, 94.4391



Deuteranomaly

79.3361, 82.6553, 98.9614



Tritanomaly

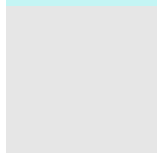
74.3416, 83.4484, 103.4557

Monochromacy



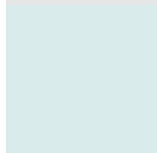
Original Color

71.7465, 83.5722, 97.9376



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.6172, 80.3202, 90.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7465, 83.5722, 97.9376 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, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 245, 244)  
}
```

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, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 71.7465, 83.5722, 97.9376 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, 245, 244) }
```


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

```
.border{ border-color:rgb(196, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 245, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 245, 244); box-shadow:4px 4px 4px 4px rgb(196, 245, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7465, 83.5722, 97.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 245, 244) }
```

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

```
.background{ background-color: rgb(196,  
245, 244) }
```

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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