

Converting Colors

XYZ(69.4790, 80.5731, 99.8859)

Have a look what the booklet for
XYZ(69.4790, 80.5731, 99.8859)
contains.

XYZ(69.4790, 80.5731, 99.8859)	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(69.4790, 80.5731,
99.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF1F7
RGB	190, 241, 247
RGB Percent	75%, 95%, 97%
CMY	0.2549, 0.0549, 0.0314
CMYK	0.23, 0.02, 0.00, 0.03
HSL	186°, 78%, 86%
HSV	186°, 23%, 97%
XYZ	69.4790, 80.5731, 99.8859
YIQ	226.4350, -32.3220, -8.9460

Conversions

Conversions Part 2

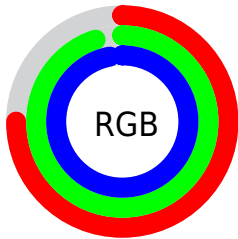
Format	Color
R_{YB}	190, 217, 247
Decimal	12513783
CIE Lab	91.94, -14.85, -8.23
CIE LCh	92, 16.980, 208.978
Yxy	80.5731, 0.2780, 0.3224
Android (android.graphics.Color)	4290703863 (0xFFBEF1F7)
YUV	226.4350, 10.1385, -31.9535
Hunter-Lab	89.7625, -18.9198, -3.1429

Details

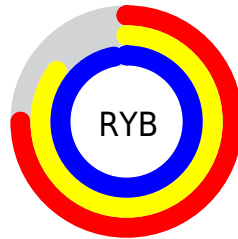
The XYZ color **69.4790, 80.5731, 99.8859** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3928, 62.9721, 57.3197**, and the grayscale version is **72.5511, 76.3294, 83.1227**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **36.7446, 43.6104, 55.7712** is the 20% darker color. If you saturate the color by 10%, you get **63.0617, 76.1330, 99.3684**, and if you desaturate by 10%, it is **76.9575, 85.5806, 100.4596**.

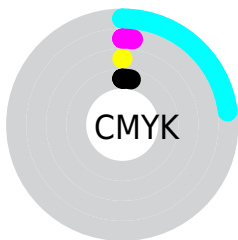
Distribution



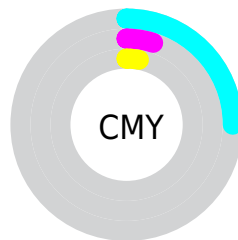
- Red (75%)
- Green (95%)
- Blue (97%)



- Red (75%)
- Yellow (85%)
- Blue (97%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4790, 80.5731, 99.8859 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 69.4790, 80.5731, 99.8859 by changing the saturation by 10% instead.

69.4790, 80.5731,
99.8859

69.4790, 80.5731,
99.8859

448.0136,
496.8621, 581.0704

51.3800, 60.1901,
75.5889

117.4958,
134.1712, 163.0509

36.7334, 43.5719,
55.5908

148.1443,
168.1550, 202.7559

25.1738, 30.3341,
39.4732

183.7066,
207.4413, 248.4341

16.3360, 20.0923,
26.8174

224.5481,
252.4143, 300.5039

9.8546, 12.4621,
17.2049

271.0343,
303.4585, 359.3839

5.3642, 7.0592,
10.2172

323.5303,

2.4994, 3.4992,

360.9583, 425.4926

5.4357

382.4016,
425.2980, 499.2486

■ 0.8950, 1.3976,
2.4419

■ 0.0000, 0.2149,
0.8091

■ 69.4790, 80.5731,
99.8859

■ 69.4790, 80.5731,
99.8859

■ 63.0617, 76.1330,
99.3684

■ 76.9575, 85.5806,
100.4596

■ 57.6457, 72.2233,
98.8992

■ 85.5390, 91.1711,
101.0864

■ 53.1762, 68.8177,
98.4775

■ 91.8429, 95.6039,
101.6097

■ 49.5899, 65.8835,
98.1001

■ 92.6509, 97.2199,
101.8791

■ 46.8159, 63.3840,
97.7639

■ 93.4701, 98.8582,
102.1521

■ 44.7723, 61.2771,
97.4649

■ 93.7887, 99.4955,
102.2583

■ 43.3596, 59.5112,
97.1985

■ 42.6489, 58.4358,
97.0284

Harmonies

Analogous

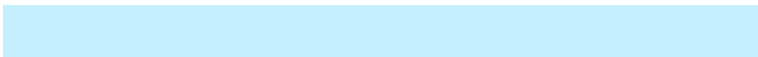
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.5011, 80.5731, 87.3027



69.4790, 80.5731, 99.8859



72.3419, 80.5731, 109.9599

Triad

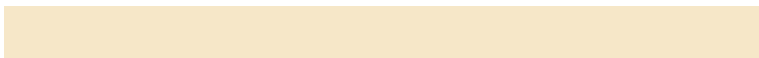
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4790, 80.5731, 99.8859



83.9948, 80.5731, 100.6971



76.7320, 80.5731, 65.8447

Complementary

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



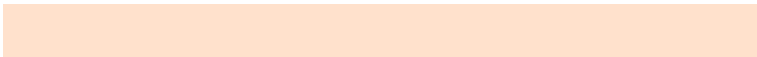
69.4790, 80.5731, 99.8859



67.3928, 62.9721, 57.3197

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.



80.9853, 80.5731, 68.7190



69.4790, 80.5731, 99.8859



85.2753, 80.5731, 88.1595

Square

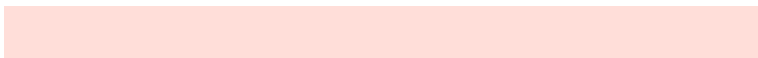
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4790, 80.5731, 99.8859



80.7167, 80.5731, 110.4586



84.1540, 80.5731, 76.6034



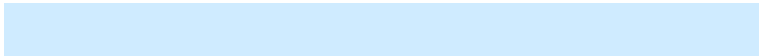
72.5916, 80.5731, 68.3556

Rectangle

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



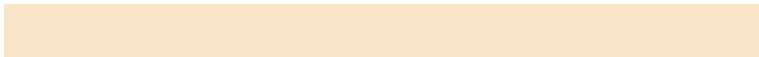
69.4790, 80.5731, 99.8859



74.9904, 80.5731, 113.4745



84.1540, 80.5731, 76.6034



78.1966, 80.5731, 66.2080

Sweetspot

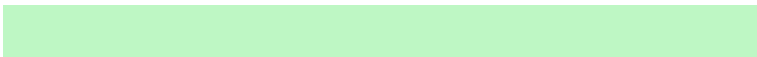
The Sweet Spot groups the original color and five complimentary colors.



69.4814, 80.5764, 99.8877



88.1890, 95.5779, 108.4081



64.4272, 81.4420, 64.3716



18.7555, 20.3792, 23.1950



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.



69.4814, 80.5764, 99.8877



71.1316, 84.1813, 107.1073



61.7693, 65.1522, 97.3170



16.8390, 18.4424, 21.2148



22.6180, 31.0298, 51.3353



2.0299, 2.8111, 4.5259

Inverse Universe

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



72.6503, 62.9538, 91.5449



75.1614, 62.1206, 96.4199



74.3629, 76.9123, 59.6431



17.1341, 16.7365, 20.4527



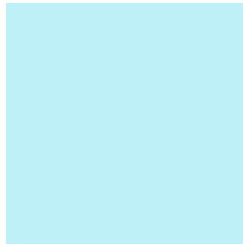
27.2210, 13.2318, 37.4679



2.4136, 1.1714, 3.4046

Previews

White Background



This preview shows how the XYZ color 69.4790, 80.5731, 99.8859 looks on a white background.

Color Contrast Check

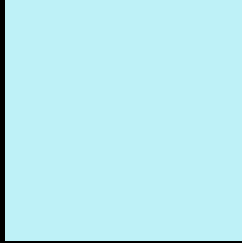
Large Text (above 18pt) WCAG AA × Fail

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 69.4790, 80.5731, 99.8859 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 69.4790, 80.5731, 99.8859

Background



This preview shows how black text looks on a background with the XYZ color 69.4790, 80.5731, 99.8859.

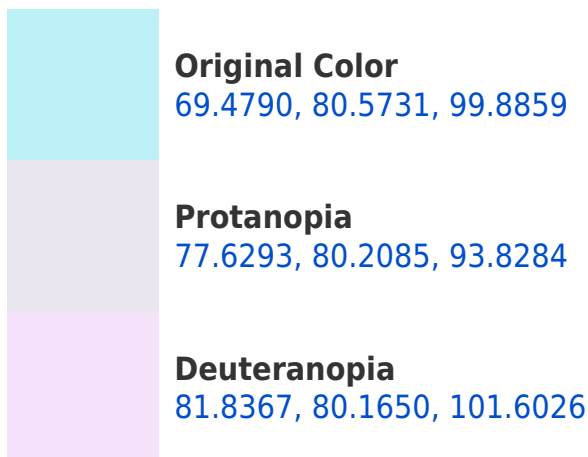


This preview shows how white text looks on a background with the XYZ color 69.4790, 80.5731,

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

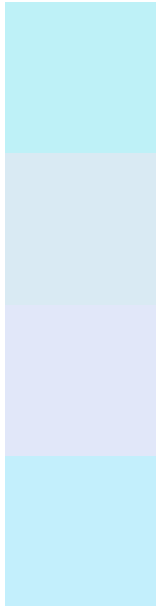




Tritanopia

71.9132, 80.3748, 106.3314

Trichromacy



Original Color

69.4790, 80.5731, 99.8859

Protanomaly

74.2158, 80.0684, 96.3372

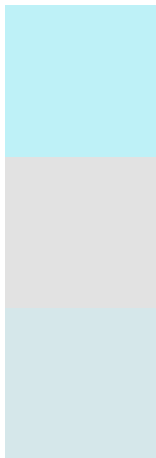
Deuteranomaly

76.7261, 79.9989, 101.0200

Tritanomaly

70.9429, 80.3634, 103.8681

Monochromacy



Original Color

69.4790, 80.5731, 99.8859

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.8678, 77.2385, 89.0153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4790, 80.5731, 99.8859 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(190, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(190, 241, 247)  
}
```

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(190, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 241, 247) }
```

Border

The CSS property to change the border of an element to XYZ 69.4790, 80.5731, 99.8859 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(190, 241, 247) }
```


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

```
.border{ border-color:rgb(190, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(190, 241,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4790, 80.5731, 99.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 241, 247) }
```

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

```
.background{ background-color: rgb(190,  
241, 247) }
```

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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