

Converting Colors

XYZ(69.4892, 79.7526, 94.4025)

Have a look what the booklet for
XYZ(69.4892, 79.7526, 94.4025)
contains.

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Color

**XYZ(69.6206, 79.8946,
94.1899)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EFF0
RGB	197, 239, 240
RGB Percent	77%, 94%, 94%
CMY	0.2274, 0.0627, 0.0588
CMYK	0.18, 0.00, 0.00, 0.06
HSL	181°, 59%, 86%
HSV	181°, 18%, 94%
XYZ	69.6206, 79.8946, 94.1899
YIQ	226.5560, -25.3530, -8.5930

Conversions

Conversions Part 2

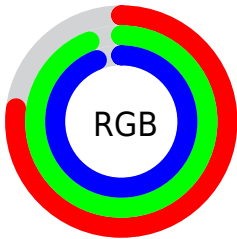
Format	Color
R_{YB}	197, 218, 240
Decimal	12972016
CIE _{Lab}	91.64, -13.24, -4.98
CIE _{LCh}	92, 14.146, 200.629
Yxy	79.8946, 0.2857, 0.3278
Android (android.graphics.Color)	4291162096 (0xFFC5EFF0)
YUV	226.5560, 6.6279, -25.9206
Hunter-Lab	89.3838, -17.3888, 0.0907

Details

The XYZ color **69.6206, 79.8946, 94.1899** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.2079, 62.9446, 61.4846**, and the grayscale version is **72.6598, 76.4437, 83.2472**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **36.7405, 43.0784, 51.7259** is the 20% darker color. If you saturate the color by 10%, you get **63.6678, 76.5865, 93.8664**, and if you desaturate by 10%, it is **76.5790, 83.7261, 94.5640**.

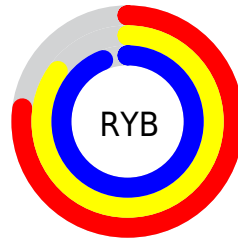
Distribution



Red (77%)

Green (94%)

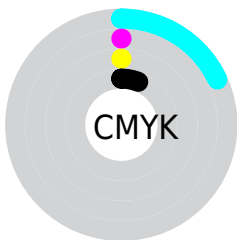
Blue (94%)



Red (77%)

Yellow (85%)

Blue (94%)

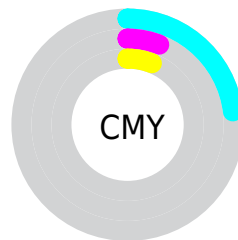


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6206, 79.8946, 94.1899 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 69.6206, 79.8946, 94.1899 by changing the saturation by 10% instead.

69.6206, 79.8946,
94.1899

69.6206, 79.8946,
94.1899

448.5040,
494.5776, 562.4862

51.4958, 59.6316,
70.8678

117.6968,
133.2175, 155.1309

36.8260, 43.1218,
51.7531

148.3788,
167.0463, 193.5868

25.2458, 29.9807,
36.4274

183.9773,
206.1657, 237.9244

16.3900, 19.8239,
24.4722

224.8576,
250.9603, 288.5622

9.8931, 12.2671,
15.4688

271.3851,
301.8144, 345.9187

5.3899, 6.9259,
8.9988

323.9250,

2.5149, 3.4158,

359.1124, 410.4125

4.6436

382.8429,
423.2386, 482.4622

■ 0.9028, 1.3525,
1.9847

■ 0.0000, 0.1813,
0.5458

■ 69.6206, 79.8946,
94.1899

■ 69.6206, 79.8946,
94.1899

■ 63.6678, 76.5865,
93.8664

■ 76.5790, 83.7261,
94.5640

■ 58.6664, 73.7675,
93.5859


■ 84.5802, 88.0937,
94.9853


■ 54.5677, 71.4146,
93.3478


■ 88.3273, 90.2691,
95.2077


■ 51.3159, 69.4990,
93.1494


■ 88.4919, 90.5984,
95.2626


 48.8489, 67.9888,
92.9879


 88.6571, 90.9287,
95.3176


 47.0963, 66.8476,
92.8600


 88.8227, 91.2600,
95.3729


 45.9752, 66.0327,
92.7618

 88.9889, 91.5923,
95.4282

 45.3719, 65.4854,
92.6880

 89.1555, 91.9256,
95.4838

 45.2762, 65.3870,
92.6740

 89.3227, 92.2599,
95.5395

Harmonies

Analogous

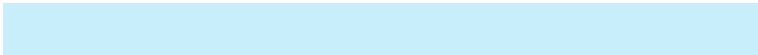
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2883, 79.8946, 83.7926



69.6206, 79.8946, 94.1899



71.6160, 79.8946, 103.2936

Triad

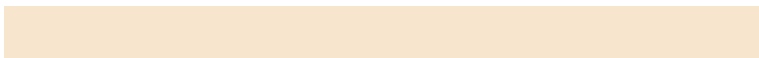
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6206, 79.8946, 94.1899



81.4345, 79.8946, 100.2303



77.0740, 79.8946, 68.8037

Complementary

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



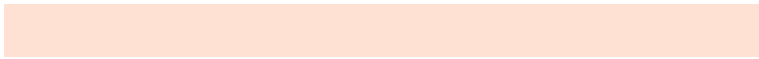
69.6206, 79.8946, 94.1899



66.2079, 62.9446, 61.4846

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.



80.4293, 79.8946, 72.5020



69.6206, 79.8946, 94.1899



82.9988, 79.8946, 90.2711

Square

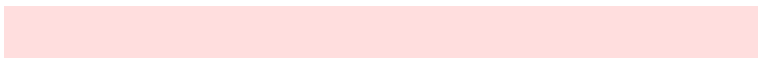
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6206, 79.8946, 94.1899



78.4109, 79.8946, 106.9684



82.6252, 79.8946, 80.1698



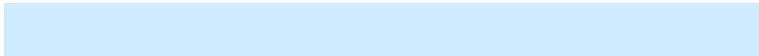
73.5165, 79.8946, 69.6711

Rectangle

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



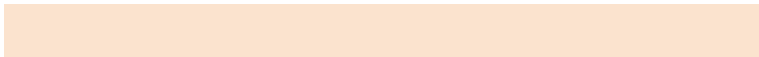
69.6206, 79.8946, 94.1899



73.6568, 79.8946, 107.1399



82.6252, 79.8946, 80.1698



78.2647, 79.8946, 69.5424

Sweetspot

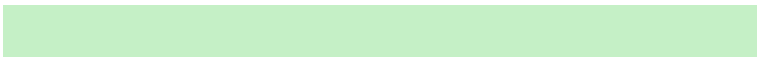
The Sweet Spot groups the original color and five complimentary colors.



69.6229, 79.8979, 94.1917



90.4196, 97.4731, 108.6563



64.3478, 78.2560, 64.9697



19.2195, 20.7900, 23.2498



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.



69.6229, 79.8979, 94.1917



77.6238, 90.4305, 107.9714



63.7707, 68.1935, 92.2410



16.2141, 17.8624, 20.3148



24.7990, 35.8223, 50.7352



2.0729, 2.9999, 4.2240

Inverse Universe

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



71.4832, 64.6914, 90.3843



80.0825, 70.3837, 102.9281



71.4026, 73.3341, 63.2162



16.4375, 16.0247, 19.8602



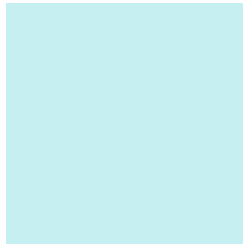
27.8430, 13.4096, 43.9514



2.3213, 1.1176, 3.6827

Previews

White Background



This preview shows how the XYZ color 69.6206, 79.8946, 94.1899 looks on a white background.

Color Contrast Check

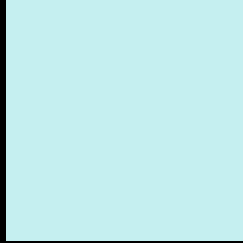
Large Text (above 18pt) WCAG AA × Fail

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 69.6206, 79.8946, 94.1899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

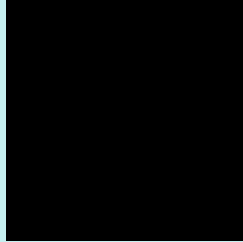
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6206, 79.8946, 94.1899

Background



This preview shows how black text looks on a background with the XYZ color 69.6206, 79.8946, 94.1899.

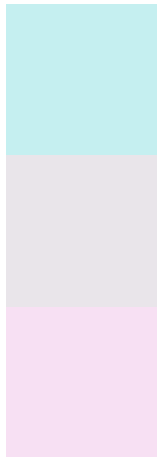


This preview shows how white text looks on a background with the XYZ color 69.6206, 79.8946,

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

69.6206, 79.8946, 94.1899

Protanopia

76.4749, 79.3028, 89.1182

Deuteranopia

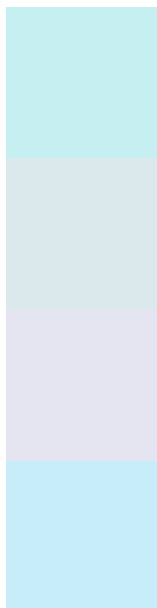
81.1911, 79.5565, 95.8707



Tritanopia

72.1328, 79.6284, 106.1758

Trichromacy



Original Color

69.6206, 79.8946, 94.1899

Protanomaly

73.7944, 79.5496, 90.8221

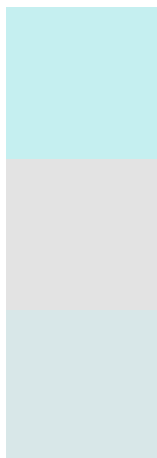
Deuteranomaly

76.3594, 79.1074, 95.2491

Tritanomaly

71.3589, 79.7499, 102.0747

Monochromacy



Original Color

69.6206, 79.8946, 94.1899

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.4603, 77.5770, 87.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6206, 79.8946, 94.1899 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(197, 239, 240)` looks like.

```
.text, #text, p{  
    color:rgb(197, 239, 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(197, 239, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 239, 240) }
```

Border

The CSS property to change the border of an element to XYZ 69.6206, 79.8946, 94.1899 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(197, 239, 240) }
```


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

```
.border{ border-color:rgb(197, 239, 240) }
```

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

Here you see how a box with a 4 pixel rgb(197, 239, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 239, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 239, 240);  
box-shadow:4px 4px 4px 4px rgb(197, 239,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6206, 79.8946, 94.1899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 239, 240) }
```

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

```
.background{ background-color: rgb(197,  
239, 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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