

Converting Colors

XYZ(59.6294, 70.3191, 65.0694)

Have a look what the booklet for
XYZ(59.6294, 70.3191, 65.0694)
contains.

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Color

**XYZ(59.6326, 70.3148,
65.0727)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E3C8
RGB	192, 227, 200
RGB Percent	75%, 89%, 78%
CMY	0.2471, 0.1098, 0.2157
CMYK	0.15, 0.00, 0.12, 0.11
HSL	134°, 38%, 82%
HSV	134°, 15%, 89%
XYZ	59.6326, 70.3148, 65.0727
YIQ	213.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

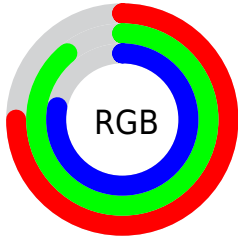
Format	Color
RYB	192, 220, 227
Decimal	12641224
CIELab	87.15, -16.58, 9.38
CIELCh	87, 19.047, 150.491
Yxy	70.3148, 0.3058, 0.3606
Android (android.graphics.Color)	4290831304 (0xFFC0E3C8)
YUV	213.4570, -6.6343, -18.8178
Hunter-Lab	83.8539, -19.8043, 12.6872

Details

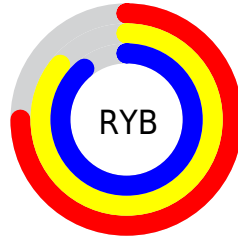
The XYZ color **59.6326, 70.3148, 65.0727** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3168, 59.1462, 75.1002**, and the grayscale version is **63.6024, 66.9146, 72.8701**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.4221, 36.9836, 32.7293** is the 20% darker color. If you saturate the color by 10%, you get **52.3915, 66.8069, 54.6555**, and if you desaturate by 10%, it is **67.9986, 74.3794, 76.7693**.

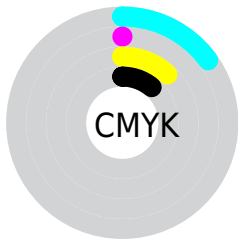
Distribution



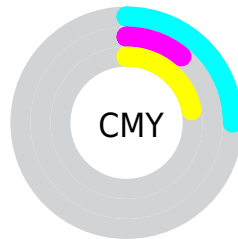
- Red (75%)
- Green (89%)
- Blue (78%)



- Red (75%)
- Yellow (86%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6326, 70.3148, 65.0727 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 59.6326, 70.3148, 65.0727 by changing the saturation by 10% instead.

■ 59.6326, 70.3148,
65.0727

■ 59.6326, 70.3148,
65.0727

413.0987,
461.6546, 461.3665

■ 43.3709, 51.7832,
47.0683

■ 103.4059,
119.6576, 113.7686

■ 30.3720, 36.8323,
32.7349

131.6482,
151.2375, 145.2973

■ 20.2706, 25.0777,
21.6540

164.6148,
187.9358, 182.1711

■ 12.7013, 16.1349,
13.4070

202.6709,
230.1367, 224.8086

■ 7.2988, 9.6197,
7.5754

246.1820,
278.2246, 273.6284

■ 3.6976, 5.1475,
3.7406


295.5135,


■ 1.5325, 2.3341,

332.5839, 329.0489


1.4842


351.0306,
393.5991, 391.4888


 0.3478, 0.7917,
0.2061


 0.0000, 0.0000,
0.0000


 59.6326, 70.3148,
65.0727

 59.6326, 70.3148,
65.0727

 52.3915, 66.8069,
54.6555


 67.9986, 74.3794,
76.7693

 46.2210, 63.8229,
45.4696

 77.5291, 79.0144,
89.7819

 41.0712, 61.3398,
37.4708

 86.3665, 83.2634,
104.0624

 36.8858, 59.3296,
30.6104

 86.7605, 83.4209,
106.1368

■ 33.6027, 57.7615,
24.8365

■ 31.1524, 56.6008,
20.0928

■ 29.4551, 55.8076,
16.3182

■ 28.4137, 55.3333,
13.4447

■ 28.0877, 55.1878,
12.4071

Harmonies

Analogous

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



62.5681, 70.3148, 57.2605



59.6326, 70.3148, 65.0727



58.6062, 70.3148, 76.7717

Triad

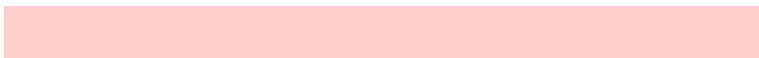
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6326, 70.3148, 65.0727



66.9057, 70.3148, 103.8861



74.5098, 70.3148, 64.7458

Complementary

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



59.6326, 70.3148, 65.0727



63.3168, 59.1462, 75.1002

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.



75.7938, 70.3148, 76.3504



59.6326, 70.3148, 65.0727



71.2855, 70.3148, 99.7735

Square

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



59.6326, 70.3148, 65.0727



62.6902, 70.3148, 100.0250



74.5889, 70.3148, 89.3273



71.1526, 70.3148, 57.0871

Rectangle

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



59.6326, 70.3148, 65.0727



59.1052, 70.3148, 85.4984



74.5889, 70.3148, 89.3273



75.2047, 70.3148, 68.2690

Sweetspot

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



59.6345, 70.3178, 65.0743



88.9703, 97.0441, 100.5598



66.3252, 73.8722, 60.6329



18.8671, 20.6858, 21.2805



0.0000, 0.0000, 0.0000



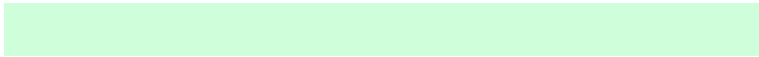
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6345, 70.3178, 65.0743



73.9723, 89.7630, 79.4991



61.7447, 71.1619, 76.1865



14.3236, 16.1429, 15.9688



16.4168, 32.1988, 7.4291



1.2481, 2.3934, 0.7331

Inverse Universe

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



63.3168, 59.1462, 75.1002



79.7619, 72.1951, 95.2604



61.1811, 58.2919, 63.8537



14.8468, 14.5559, 17.3935



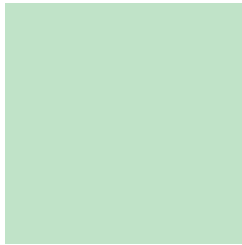
23.0409, 11.3506, 24.9082



1.7372, 0.8526, 2.0224

Previews

White Background



This preview shows how the XYZ color 59.6326, 70.3148, 65.0727 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 59.6326, 70.3148, 65.0727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

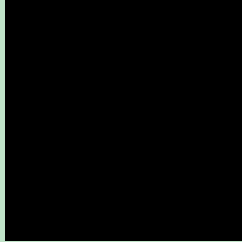
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

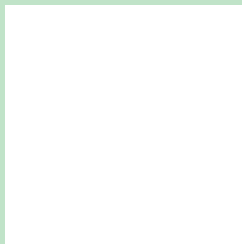
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6326, 70.3148, 65.0727

Background



This preview shows how black text looks on a background with the XYZ color 59.6326, 70.3148, 65.0727.



This preview shows how white text looks on a background with the XYZ color 59.6326, 70.3148,

65.0727.

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

59.6326, 70.3148, 65.0727

Protanopia

66.3417, 69.8967, 61.6246

Deuteranopia

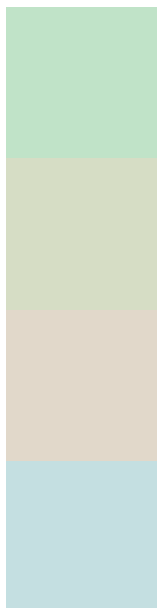
71.1343, 69.6381, 66.1922



Tritanopia

64.9896, 70.0870, 91.7642

Trichromacy



Original Color

59.6326, 70.3148, 65.0727

Protanomaly

63.6661, 70.0403, 62.9869

Deuteranomaly

66.2679, 69.3836, 65.7768

Tritanomaly

62.7432, 69.9474, 81.4284

Monochromacy



Original Color

59.6326, 70.3148, 65.0727

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.6334, 67.6760, 69.4889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6326, 70.3148, 65.0727 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(192, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 227, 200)  
}
```

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(192, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 227, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.6326, 70.3148, 65.0727 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(192, 227, 200) }
```


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

```
.border{ border-color:rgb(192, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 227,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6326, 70.3148, 65.0727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 227, 200) }
```

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

```
.background{ background-color: rgb(192,  
227, 200) }
```

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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