

Converting Colors

XYZ(59.2848, 66.3271, 76.0256)

Have a look what the booklet for
XYZ(59.2848, 66.3271, 76.0256)
contains.

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Color

**XYZ(59.2122, 66.2811,
76.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDADA
RGB	191, 218, 218
RGB Percent	75%, 85%, 85%
CMY	0.2510, 0.1451, 0.1451
CMYK	0.12, 0.00, 0.00, 0.15
HSL	180°, 27%, 80%
HSV	180°, 12%, 85%
XYZ	59.2122, 66.2811, 76.0024
YIQ	209.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

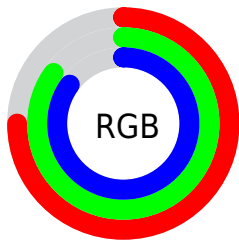
Format	Color
RYB	191, 205, 218
Decimal	12573402
CIELab	85.14, -8.91, -3.03
CIELCh	85, 9.416, 198.800
Yxy	66.2811, 0.2939, 0.3289
Android (android.graphics.Color)	4290763482 (0xFFBFDADA)
YUV	209.9270, 3.9800, -16.5990
Hunter-Lab	81.4132, -12.6492, 1.6397

Details

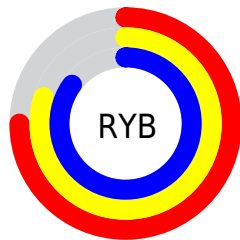
The XYZ color **59.2122, 66.2811, 76.0024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9507, 55.9305, 57.0873**, and the grayscale version is **61.1945, 64.3814, 70.1113**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.0246, 34.1571, 39.6608** is the 20% darker color. If you saturate the color by 10%, you get **54.1329, 63.6644, 75.7644**, and if you desaturate by 10%, it is **65.1114, 69.3240, 76.2815**.

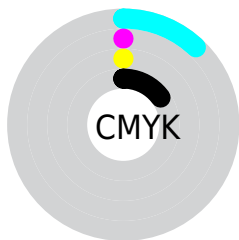
Distribution



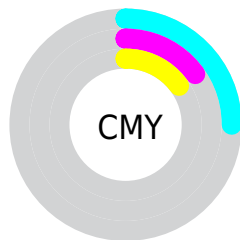
- Red (75%)
- Green (85%)
- Blue (85%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



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



- Cyan (25%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2122, 66.2811, 76.0024 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 59.2122, 66.2811, 76.0024 by changing the saturation by 10% instead.

■ 59.2122, 66.2811,
76.0024

■ 59.2122, 66.2811,
76.0024

411.5693,
447.3815, 500.7030

■ 43.0310, 48.5006,
55.9278

■ 102.7989,
113.8897, 129.4904

■ 30.1041, 34.2235,
39.7414

130.9351,
144.4866, 163.7409

■ 20.0660, 23.0654,
27.0248

163.7869,
180.1244, 203.5538

■ 12.5516, 14.6418,
17.3592

201.7199,
221.1876, 249.3476

■ 7.1954, 8.5684,
10.3263

245.0992,
268.0605, 301.5409

■ 3.6320, 4.4607,
5.5074

294.2903,

■ 1.4961, 1.9345,

321.1275, 360.5522

2.4840

349.6586,
380.7731, 426.8000

■ 0.3232, 0.5690,
0.8317

■ 0.0000, 0.0000,
0.0000

■ 59.2122, 66.2811,
76.0024

■ 59.2122, 66.2811,
76.0024

■ 54.1329, 63.6644,
75.7644

■ 65.1114, 69.3240,
76.2815

■ 49.8318, 61.4472,
75.5615

■ 71.8584, 72.8022,
76.5989

■ 46.2722, 59.6122,
75.3932

■ 78.9686, 76.4676,
76.9333

■ 43.4122, 58.1378,
75.2577

■ 78.9689, 76.4677,
76.9350

■ 41.2058, 57.0004,
75.1528

■ 78.9693, 76.4678,
76.9367

■ 39.6013, 56.1733,
75.0761

■ 78.9696, 76.4680,
76.9383

■ 38.5396, 55.6260,
75.0248

■ 78.9699, 76.4681,
76.9400

■ 37.9492, 55.3217,
74.9955

■ 78.9702, 76.4682,
76.9417

■ 37.7249, 55.2061,
74.9837

■ 78.9705, 76.4683,
76.9433

Harmonies

Analogous

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



59.0779, 66.2811, 69.9216



59.2122, 66.2811, 76.0024



60.3473, 66.2811, 81.3277

Triad

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



59.2122, 66.2811, 76.0024



66.1199, 66.2811, 80.1470



63.7945, 66.2811, 61.2970

Complementary

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



59.2122, 66.2811, 76.0024



56.9507, 55.9305, 57.0873

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.



65.7256, 66.2811, 63.7248



59.2122, 66.2811, 76.0024



67.0882, 66.2811, 74.4637

Square

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



59.2122, 66.2811, 76.0024



64.3229, 66.2811, 83.8118



66.9422, 66.2811, 68.4664



61.6918, 66.2811, 61.6574

Rectangle

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



59.2122, 66.2811, 76.0024



61.5334, 66.2811, 83.6268



66.9422, 66.2811, 68.4664



64.4860, 66.2811, 61.8084

Sweetspot

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



59.2141, 66.2839, 76.0039



91.3963, 98.1165, 108.7281



56.0766, 65.0420, 58.8903



19.4202, 20.9276, 23.2656



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.



59.2141, 66.2839, 76.0039



82.3503, 93.4532, 108.3021



55.9621, 59.7792, 74.9218



13.4449, 14.8296, 16.8056



22.6001, 33.0727, 44.9211



1.4642, 2.1426, 2.9103

Inverse Universe

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



56.9507, 55.9305, 57.0873



78.4809, 75.7539, 75.9637



59.9246, 61.8789, 58.0770



13.0562, 13.0516, 13.5570



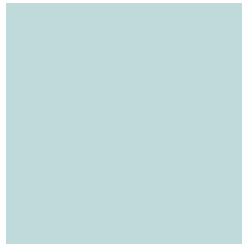
17.3223, 8.9299, 0.8112



1.1222, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 59.2122, 66.2811, 76.0024 looks on a white background.

Color Contrast Check

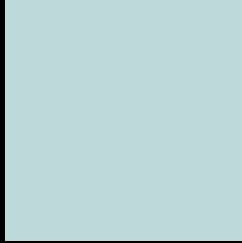
Large Text (above 18pt) WCAG AA × Fail

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 59.2122, 66.2811, 76.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

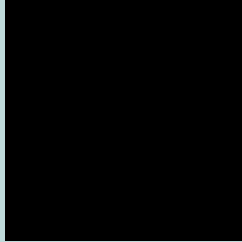
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

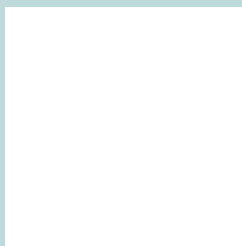
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2122, 66.2811, 76.0024

Background



This preview shows how black text looks on a background with the XYZ color 59.2122, 66.2811, 76.0024.

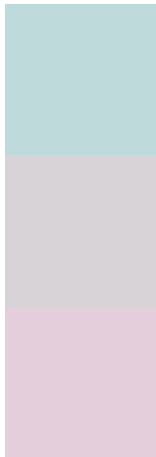


This preview shows how white text looks on a background with the XYZ color 59.2122, 66.2811,

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

59.2122, 66.2811, 76.0024

Protanopia

63.4562, 65.8906, 72.9920

Deuteranopia

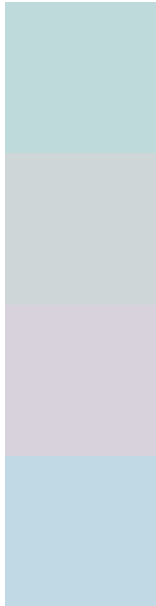
67.3027, 65.9679, 76.8960



Tritanopia

61.5120, 66.4643, 86.6777

Trichromacy



Original Color

59.2122, 66.2811, 76.0024

Protanomaly

61.7659, 66.1212, 73.7972

Deuteranomaly

63.8571, 65.6547, 76.3248

Tritanomaly

60.8088, 66.5646, 83.0421

Monochromacy



Original Color

59.2122, 66.2811, 76.0024

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.4331, 65.0891, 72.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2122, 66.2811, 76.0024 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(191, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 218)  
}
```

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(191, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.2122, 66.2811, 76.0024 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(191, 218, 218) }
```


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

```
.border{ border-color:rgb(191, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 218, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 218, 218); box-shadow:4px 4px 4px 4px rgb(191, 218, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2122, 66.2811, 76.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 218) }
```

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

```
.background{ background-color: rgb(191,  
218, 218) }
```

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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