

Converting Colors

XYZ(58.0614, 64.9140, 72.2547)

Have a look what the booklet for
XYZ(58.0614, 64.9140, 72.2547)
contains.

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Color

**XYZ(58.0520, 64.9922,
72.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD8D5
RGB	191, 216, 213
RGB Percent	75%, 85%, 84%
CMY	0.2510, 0.1529, 0.1647
CMYK	0.12, 0.00, 0.01, 0.15
HSL	173°, 24%, 80%
HSV	173°, 12%, 85%
XYZ	58.0520, 64.9922, 72.4359
YIQ	208.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

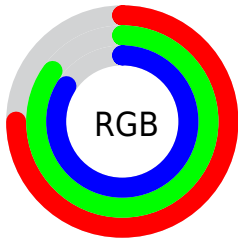
Format	Color
RYB	191, 204, 216
Decimal	12572885
CIELab	84.48, -8.88, -1.35
CIELCh	84, 8.980, 188.663
Yxy	64.9922, 0.2970, 0.3325
Android (android.graphics.Color)	4290762965 (0xFFBFD8D5)
YUV	208.1830, 2.3748, -15.0695
Hunter-Lab	80.6177, -12.5450, 3.1597

Details

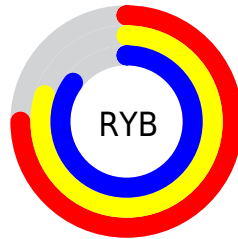
The XYZ color **58.0520, 64.9922, 72.4359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6897, 55.7574, 58.8163**, and the grayscale version is **60.0660, 63.1941, 68.8184**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.2330, 33.2767, 37.2301** is the 20% darker color. If you saturate the color by 10%, you get **52.6892, 62.2671, 70.4808**, and if you desaturate by 10%, it is **64.2249, 68.1379, 74.4592**.

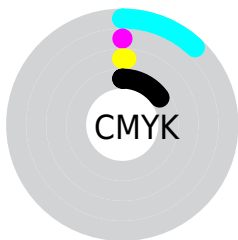
Distribution



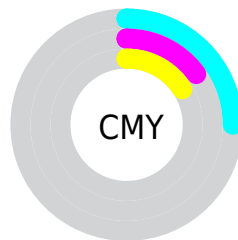
- Red (75%)
- Green (85%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0520, 64.9922, 72.4359 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 58.0520, 64.9922, 72.4359 by changing the saturation by 10% instead.

■ 58.0520, 64.9922,
72.4359

■ 58.0520, 64.9922,
72.4359

407.3304,
442.7639, 488.0757

■ 42.0939, 47.4548,
53.0258

■ 101.1211,
112.0386, 124.3895

■ 29.3662, 33.3953,
37.4355

128.9628,
142.3164, 157.7702

■ 19.5037, 22.4294,
25.2464

161.4964,
177.6098, 196.6448

■ 12.1410, 14.1728,
16.0401

199.0873,
218.3031, 241.4318

■ 6.9126, 8.2409,
9.3979

242.1007,
264.7808, 292.5499

■ 3.4534, 4.2495,
4.9012

290.9022,

■ 1.3978, 1.8141,

317.4272, 350.4175

2.1317

345.8570,
376.6268, 415.4533

■ 0.2547, 0.4959,
0.6345

■ 0.0000, 0.0000,
0.0000

■ 58.0520, 64.9922,
72.4359

■ 58.0520, 64.9922,
72.4359

■ 52.6892, 62.2671,
70.4808

■ 64.2249, 68.1379,
74.4592

■ 48.0960, 59.9363,
68.5877

■ 71.2352, 71.7129,
76.5479

■ 44.2367, 57.9833,
66.7562

■ 78.8196, 75.5831,
78.6912

■ 41.0706, 56.3871,
64.9843

■ 79.1676, 75.7223,
80.5238

■ 38.5531, 55.1246,
63.2697

■ 79.5209, 75.8637,
82.3846

■ 36.6342, 54.1701,
61.6100

■ 79.8797, 76.0072,
84.2738

■ 35.2566, 53.4941,
60.0024

■ 80.2439, 76.1528,
86.1915

■ 34.3519, 53.0613,
58.4435

■ 80.6135, 76.3007,
88.1379

■ 33.8579, 52.8345,
57.1632

■ 80.9885, 76.4507,
90.1129

Harmonies

Analogous

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



58.2629, 64.9922, 66.8366



58.0520, 64.9922, 72.4359



58.8213, 64.9922, 77.8651

Triad

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



58.0520, 64.9922, 72.4359



64.2048, 64.9922, 79.7102



63.1817, 64.9922, 61.0026

Complementary

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



58.0520, 64.9922, 72.4359



56.6897, 55.7574, 58.8163

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.



64.8222, 64.9922, 64.1110



58.0520, 64.9922, 72.4359



65.4216, 64.9922, 74.8453

Square

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



58.0520, 64.9922, 72.4359



62.3537, 64.9922, 82.2109



65.6500, 64.9922, 69.1209



61.1962, 64.9922, 60.4349

Rectangle

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



58.0520, 64.9922, 72.4359



59.7963, 64.9922, 80.5865



65.6500, 64.9922, 69.1209



63.7930, 64.9922, 61.7766

Sweetspot

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



58.0539, 64.9949, 72.4373



92.1437, 98.5188, 107.9936



56.2956, 64.3896, 58.7527



19.5603, 21.0044, 23.0636



0.0000, 0.0000, 0.0000



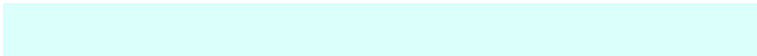
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0539, 64.9949, 72.4373



82.4310, 93.5735, 104.7459



56.1550, 60.5814, 73.7026



12.7250, 14.0810, 15.6321



20.0662, 31.2818, 33.9737



1.2288, 1.8942, 2.1467

Inverse Universe

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



56.6897, 55.7574, 58.8163



80.0486, 77.4392, 80.9566



58.4181, 59.7485, 57.7450



12.4833, 12.4448, 13.2195



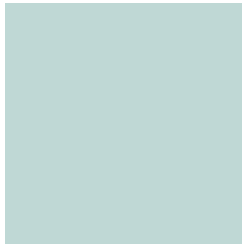
16.8929, 8.6935, 1.4741



1.0395, 0.5326, 0.1975

Previews

White Background



This preview shows how the XYZ color 58.0520, 64.9922, 72.4359 looks on a white background.

Color Contrast Check

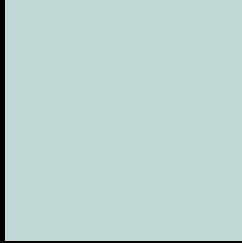
Large Text (above 18pt) WCAG AA × Fail

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 58.0520, 64.9922, 72.4359 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

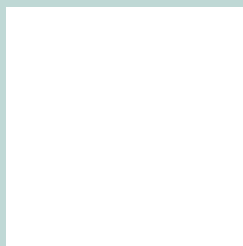
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0520, 64.9922, 72.4359

Background



This preview shows how black text looks on a background with the XYZ color 58.0520, 64.9922, 72.4359.

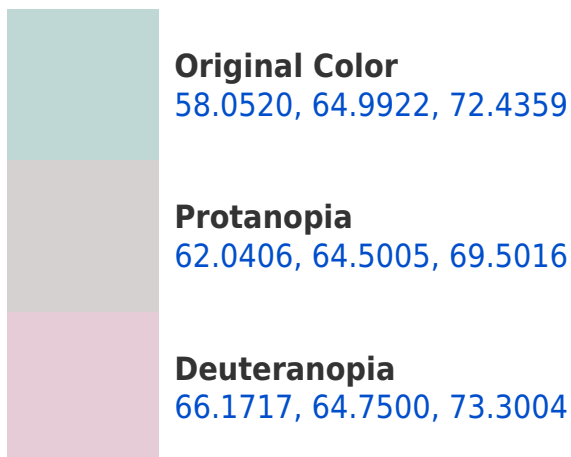


This preview shows how white text looks on a background with the XYZ color 58.0520, 64.9922,

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

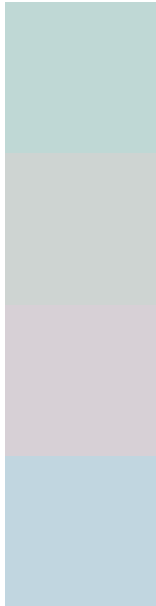




Tritanopia

60.3253, 64.7710, 84.1855

Trichromacy



Original Color

58.0520, 64.9922, 72.4359

Protanomaly

60.6299, 64.8619, 70.2968

Deuteranomaly

62.7178, 64.4139, 72.7459

Tritanomaly

59.4934, 64.8124, 79.8954

Monochromacy



Original Color

58.0520, 64.9922, 72.4359

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2842, 63.7982, 70.1624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0520, 64.9922, 72.4359 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, 216, 213)` looks like.

```
.text, #text, p{  
    color:rgb(191, 216, 213)  
}
```

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, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 216, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.0520, 64.9922, 72.4359 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, 216, 213) }
```


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

```
.border{ border-color:rgb(191, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(191, 216,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0520, 64.9922, 72.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 216, 213) }
```

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

```
.background{ background-color: rgb(191,  
216, 213) }
```

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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