

Converting Colors

XYZ(58.5949, 62.0989, 65.1851)

Have a look what the booklet for
XYZ(58.5949, 62.0989, 65.1851)
contains.

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Color

**XYZ(58.5459, 62.0593,
65.3928)**

Conversions

Conversions Part 1

Format	Color
Hex	CECFCB
RGB	206, 207, 203
RGB Percent	81%, 81%, 80%
CMY	0.1922, 0.1882, 0.2039
CMYK	0.00, 0.00, 0.02, 0.19
HSL	75°, 4%, 80%
HSV	75°, 2%, 81%
XYZ	58.5459, 62.0593, 65.3928
YIQ	206.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

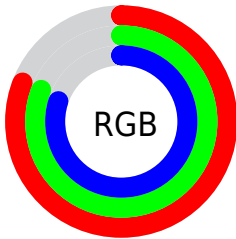
Format	Color
R _Y B	203, 207, 204
Decimal	13553611
CIE Lab	82.94, -1.06, 1.85
CIE LCh	83, 2.137, 119.808
Yxy	62.0593, 0.3148, 0.3337
Android (android.graphics.Color)	4291743691 (0xFFCECFB)
YUV	206.2450, -1.5998, -0.2149
Hunter-Lab	78.7777, -5.2037, 5.9282

Details

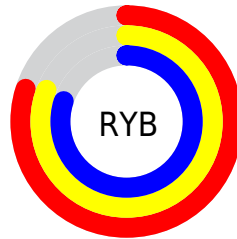
The XYZ color **58.5459, 62.0593, 65.3928** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5227, 60.0559, 67.5949**, and the grayscale version is **58.8343, 61.8982, 67.4072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7649, 31.6278, 32.9698** is the 20% darker color. If you saturate the color by 10%, you get **54.8251, 60.4092, 53.1897**, and if you desaturate by 10%, it is **62.6472, 63.8710, 79.3357**.

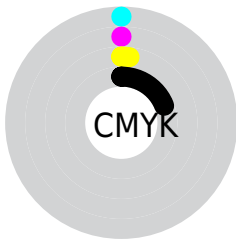
Distribution



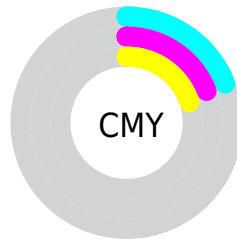
- Red (81%)
- Green (81%)
- Blue (80%)



- Red (80%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5459, 62.0593, 65.3928 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 58.5459, 62.0593, 65.3928 by changing the saturation by 10% instead.

■ 58.5459, 62.0593,
65.3928

■ 58.5459, 62.0593,
65.3928

409.1382,
432.1474, 462.5470

■ 42.4926, 45.0806,
47.3263

101.8358,
107.8112, 114.2331

■ 29.6800, 31.5209,
32.9375

129.8031,
137.3533, 145.8439

■ 19.7427, 20.9958,
21.8078

162.4726,
171.8519, 182.8066

■ 12.3153, 13.1210,
13.5188

200.2094,
211.6915, 225.5397

■ 7.0325, 7.5119,
7.6518

243.3790,
257.2564, 274.4618

■ 3.5290, 3.7842,
3.7884

292.3468,

■ 1.4393, 1.5536,

308.9311, 329.9913

1.5100

347.4781,
367.1000, 392.5469

■ 0.2839, 0.3260,
0.2254

■ 0.0000, 0.0000,
0.0000

■ 58.5459, 62.0593,
65.3928

■ 58.5459, 62.0593,
65.3928

■ 54.8251, 60.4092,
53.1897

■ 62.6472, 63.8710,
79.3357

■ 51.4663, 58.9074,
42.6542

■ 67.1365, 65.8416,
95.0789

■ 48.4568, 57.5507,
33.7147

■ 70.3578, 67.3105,
103.8917

■ 45.7814, 56.3329,
26.2932

■ 71.9684, 68.1407,
103.9671

■ 43.4235, 55.2475,
20.3050

■ 73.6282, 68.9964,
104.0448

■ 41.3650, 54.2870,
15.6570

■ 75.3379, 69.8778,
104.1248

■ 39.5856, 53.4434,
12.2453

■ 77.0978, 70.7850,
104.2071

■ 38.0623, 52.7073,
9.9506

■ 78.9082, 71.7184,
104.2919

■ 36.7673, 52.0676,
8.6302

■ 80.7697, 72.6780,
104.3790

Harmonies

Analogous

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



58.9885, 62.0593, 65.0647



58.5459, 62.0593, 65.3928



58.2225, 62.0593, 66.3032

Triad

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



58.5459, 62.0593, 65.3928



58.5408, 62.0593, 69.7905



59.8765, 62.0593, 67.5805

Complementary

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



58.5459, 62.0593, 65.3928



57.5227, 60.0559, 67.5949

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.



59.7551, 62.0593, 68.8569



58.5459, 62.0593, 65.3928



58.9825, 62.0593, 70.1430

Square

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



58.5459, 62.0593, 65.3928



58.2196, 62.0593, 68.8420



59.4273, 62.0593, 69.7991



59.7581, 62.0593, 66.3177

Rectangle

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



58.5459, 62.0593, 65.3928



58.1172, 62.0593, 67.1238



59.4273, 62.0593, 69.7991



59.8624, 62.0593, 68.0223

Sweetspot

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



58.5476, 62.0620, 65.3942



94.4072, 99.7158, 106.7411



58.1066, 60.7648, 65.1670



20.2138, 21.3463, 22.8697



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.



58.5476, 62.0620, 65.3942



93.7707, 99.4341, 104.6107



57.9962, 61.7777, 65.3683



13.1389, 13.9248, 14.6853



22.6766, 32.5592, 5.0894



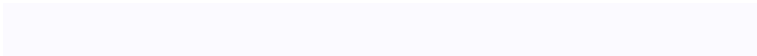
1.3382, 1.8567, 0.2879

Inverse Universe

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



57.5227, 60.0559, 67.5949



92.0527, 96.0715, 108.2997



58.0741, 60.3402, 67.6208



12.9149, 13.4865, 15.1661



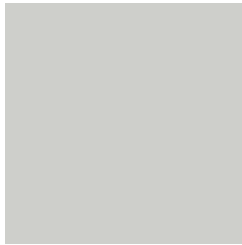
8.0590, 3.3349, 37.4114



0.5248, 0.2247, 2.0953

Previews

White Background



This preview shows how the XYZ color 58.5459, 62.0593, 65.3928 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 58.5459, 62.0593, 65.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

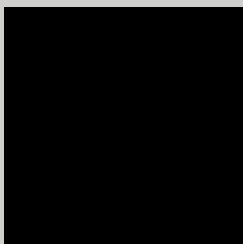
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

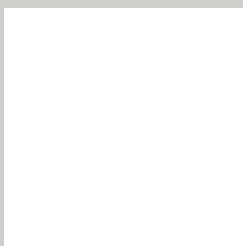
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5459, 62.0593, 65.3928

Background



This preview shows how black text looks on a background with the XYZ color 58.5459, 62.0593, 65.3928.



This preview shows how white text looks on a background with the XYZ color 58.5459, 62.0593,

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

58.5459, 62.0593, 65.3928

Protanopia

59.3560, 61.7758, 64.6726

Deuteranopia

63.2319, 61.9991, 65.7611



Tritanopia

60.8056, 61.9083, 76.4549

Trichromacy



Original Color

58.5459, 62.0593, 65.3928

Protanomaly

59.0265, 61.9622, 64.7260

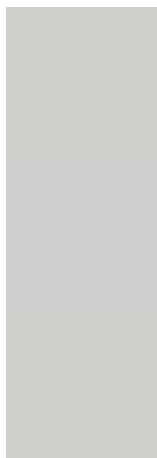
Deuteranomaly

61.4684, 62.1316, 65.8796

Tritanomaly

59.9813, 61.9276, 72.4102

Monochromacy



Original Color

58.5459, 62.0593, 65.3928

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5444, 61.6722, 66.5759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5459, 62.0593, 65.3928 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(206, 207, 203) looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 203)  
}
```

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(206, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.5459, 62.0593, 65.3928 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(206, 207, 203) }
```


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

```
.border{ border-color:rgb(206, 207, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 207, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5459, 62.0593, 65.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 203) }
```

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

```
.background{ background-color: rgb(206,  
207, 203) }
```

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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