

Converting Colors

XYZ(58.5072, 62.0690, 64.2201)

Have a look what the booklet for
XYZ(58.5072, 62.0690, 64.2201)
contains.

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Color

**XYZ(58.5876, 62.1081,
64.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCFC9
RGB	207, 207, 201
RGB Percent	81%, 81%, 79%
CMY	0.1882, 0.1882, 0.2118
CMYK	0.00, 0.00, 0.03, 0.19
HSL	60°, 6%, 80%
HSV	60°, 3%, 81%
XYZ	58.5876, 62.1081, 64.1585
YIQ	206.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

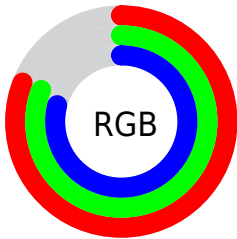
Format	Color
R_{YB}	201, 207, 201
Decimal	13619145
CIE Lab	82.97, -1.07, 2.97
CIE LCh	83, 3.155, 109.880
Yxy	62.1081, 0.3169, 0.3360
Android (android.graphics.Color)	4291809225 (0xFFCFCFC9)
YUV	206.3160, -2.6208, 0.5999
Hunter-Lab	78.8087, -5.2156, 6.8978

Details

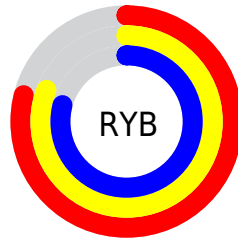
The XYZ color **58.5876, 62.1081, 64.1585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2389, 58.6974, 67.4003**, and the grayscale version is **58.8856, 61.9522, 67.4659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7946, 31.6614, 32.1447** is the 20% darker color. If you saturate the color by 10%, you get **56.3120, 61.1994, 52.1857**, and if you desaturate by 10%, it is **61.1949, 63.1534, 77.8625**.

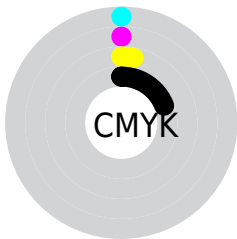
Distribution



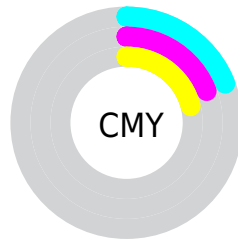
- Red (81%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5876, 62.1081, 64.1585 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 58.5876, 62.1081, 64.1585 by changing the saturation by 10% instead.

■ 58.5876, 62.1081,
64.1585

■ 58.5876, 62.1081,
64.1585

409.2906,
432.3253, 457.9849

■ 42.5263, 45.1201,
46.3321

101.8961,
107.8818, 112.4408

■ 29.7065, 31.5520,
32.1574

129.8740,
137.4361, 143.7338

■ 19.7629, 21.0195,
21.2159

162.5549,
171.9481, 180.3527

■ 12.3301, 13.1383,
13.0891

200.3040,
211.8020, 222.7161

■ 7.0427, 7.5238,
7.3585

243.4868,
257.3823, 271.2424

■ 3.5354, 3.7918,
3.6055

292.4686,

■ 1.4428, 1.5578,

309.0734, 326.3503

1.4115

347.6147,
367.2596, 388.4583

■ 0.2864, 0.3289,
0.1507

■ 0.0000, 0.0000,
0.0000

■ 58.5876, 62.1081,
64.1585

■ 58.5876, 62.1081,
64.1585

■ 56.3120, 61.1994,
52.1857

■ 61.1949, 63.1534,
77.8625

■ 54.3498, 60.4142,
41.8713

■ 64.1411, 64.3323,
93.3585

■ 52.6890, 59.7494,
33.1436

■ 66.1070, 65.1191,
103.6928

■ 51.3145, 59.1992,
25.9238

■ 66.1105, 65.1208,
103.6929

■ 50.2102, 58.7571,
20.1265

■ 66.1140, 65.1226,
103.6931

■ 49.3581, 58.4159,
15.6579

■ 66.1174, 65.1244,
103.6933

■ 48.7384, 58.1676,
12.4126

■ 66.1209, 65.1262,
103.6934

■ 48.3280, 58.0030,
10.2698

■ 66.1244, 65.1280,
103.6936

■ 48.0993, 57.9111,
9.0836

■ 66.1279, 65.1298,
103.6937

Harmonies

Analogous

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



59.2623, 62.1081, 63.9991



58.5876, 62.1081, 64.1585



58.0359, 62.1081, 65.2366

Triad

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



58.5876, 62.1081, 64.1585



58.1919, 62.1081, 70.5344



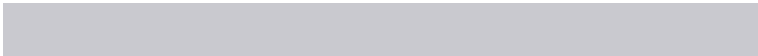
60.3307, 62.1081, 68.2864

Complementary

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



58.5876, 62.1081, 64.1585



56.2389, 58.6974, 67.4003

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.



60.0392, 62.1081, 70.0713



58.5876, 62.1081, 64.1585



58.8020, 62.1081, 71.3856

Square

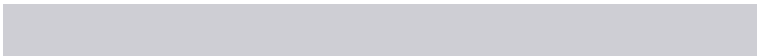
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.5876, 62.1081, 64.1585



57.8087, 62.1081, 68.9088



59.4784, 62.1081, 71.2145



60.2722, 62.1081, 66.3576

Rectangle

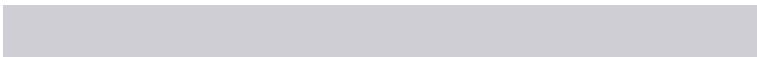
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5876, 62.1081, 64.1585



57.8105, 62.1081, 66.3430



59.4784, 62.1081, 71.2145



60.2703, 62.1081, 68.9237

Sweetspot

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



58.5893, 62.1108, 64.1598



94.6415, 99.8366, 106.7520



57.1633, 59.2572, 63.6842



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



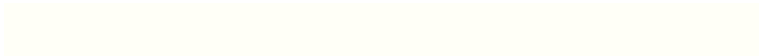
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5893, 62.1108, 64.1598



93.8409, 99.5162, 102.5417



57.7596, 61.6830, 64.1210



13.0967, 13.9149, 14.1458



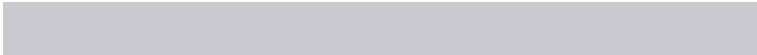
30.2489, 36.4628, 5.4437



1.6916, 2.0389, 0.3044

Inverse Universe

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



56.2389, 58.6974, 67.4003



89.9009, 93.7945, 107.9736



57.0528, 59.1170, 67.4384



12.4159, 12.9263, 15.0843



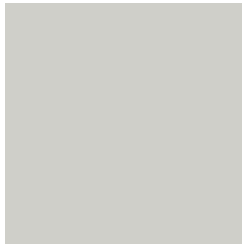
7.0971, 2.8390, 37.3664



0.3971, 0.1589, 2.0893

Previews

White Background



This preview shows how the XYZ color 58.5876, 62.1081, 64.1585 looks on a white background.

Color Contrast Check

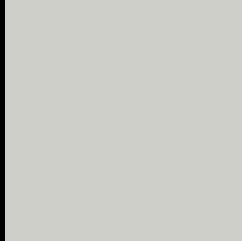
Large Text (above 18pt) WCAG AA × Fail

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 58.5876, 62.1081, 64.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

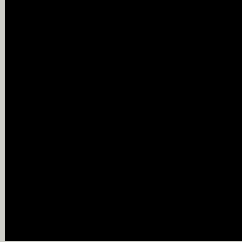
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

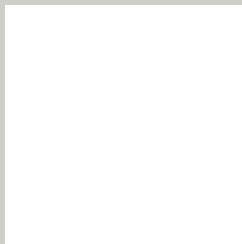
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5876, 62.1081, 64.1585

Background



This preview shows how black text looks on a background with the XYZ color 58.5876, 62.1081, 64.1585.

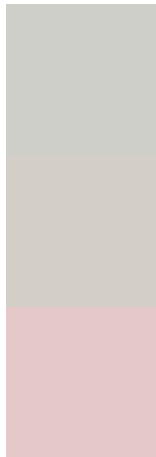


This preview shows how white text looks on a background with the XYZ color 58.5876, 62.1081,

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

58.5876, 62.1081, 64.1585

Protanopia

59.6480, 62.3098, 63.5268

Deuteranopia

63.3099, 62.0668, 64.5204



Tritanopia

61.0895, 62.0547, 76.4681

Trichromacy



Original Color

58.5876, 62.1081, 64.1585

Protanomaly

59.0750, 62.0144, 63.5000

Deuteranomaly

61.5318, 62.1918, 64.6383

Tritanomaly

60.1361, 62.0220, 71.7527

Monochromacy



Original Color

58.5876, 62.1081, 64.1585

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4240, 61.6241, 65.9421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5876, 62.1081, 64.1585 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(207, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 201)  
}
```

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(207, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.5876, 62.1081, 64.1585 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(207, 207, 201) }
```


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

```
.border{ border-color:rgb(207, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5876, 62.1081, 64.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 201) }
```

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

```
.background{ background-color: rgb(207,  
207, 201) }
```

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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