

Converting Colors

XYZ(58.4295, 62.7151, 61.2197)

Have a look what the booklet for
XYZ(58.4295, 62.7151, 61.2197)
contains.

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Color

**XYZ(58.4964, 62.8518,
61.2731)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD1C4
RGB	207, 209, 196
RGB Percent	81%, 82%, 77%
CMY	0.1882, 0.1804, 0.2314
CMYK	0.01, 0.00, 0.06, 0.18
HSL	69°, 12%, 79%
HSV	69°, 6%, 82%
XYZ	58.4964, 62.8518, 61.2731
YIQ	206.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

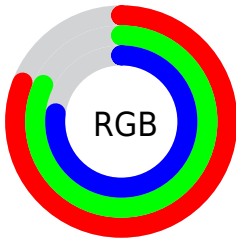
Format	Color
RYB	196, 209, 198
Decimal	13619652
CIELab	83.36, -2.99, 6.20
CIELCh	83, 6.881, 115.753
Yxy	62.8518, 0.3203, 0.3442
Android (android.graphics.Color)	4291809732 (0xFFCFD1C4)
YUV	206.9200, -5.3836, 0.0702
Hunter-Lab	79.2791, -7.0316, 9.6714

Details

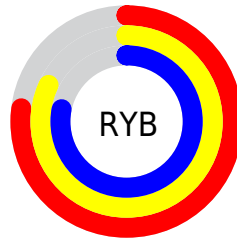
The XYZ color **58.4964, 62.8518, 61.2731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5396, 56.0908, 68.2769**, and the grayscale version is **59.2903, 62.3781, 67.9297**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **29.7407, 32.1680, 30.2327** is the 20% darker color. If you saturate the color by 10%, you get **55.3912, 61.5089, 49.5625**, and if you desaturate by 10%, it is **61.9549, 64.3422, 74.7328**.

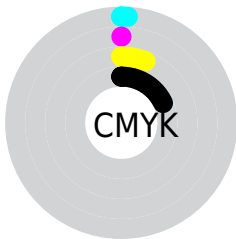
Distribution



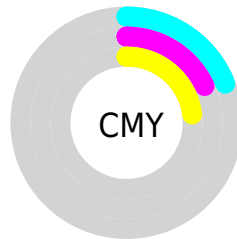
- Red (81%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4964, 62.8518, 61.2731 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 58.4964, 62.8518, 61.2731 by changing the saturation by 10% instead.

■ 58.4964, 62.8518,
61.2731

■ 58.4964, 62.8518,
61.2731

408.9572,
435.0314, 447.2089

■ 42.4527, 45.7213,
44.0136

101.7642,
108.9557, 108.2356

■ 29.6486, 32.0260,
30.3439

129.7190,
138.6979, 138.7758

■ 19.7187, 21.3813,
19.8455

162.3748,
173.4128, 174.5799

■ 12.2978, 13.4030,
12.0998

200.0970,
213.4847, 216.0665

■ 7.0205, 7.7067,
6.6883

243.2510,
259.2982, 263.6542

■ 3.5214, 3.9078,
3.1925

292.2022,

■ 1.4351, 1.6221,

311.2375, 317.7614

1.1937

347.3158,
369.6872, 378.8068

■ 0.2810, 0.3725,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4964, 62.8518,
61.2731

■ 58.4964, 62.8518,
61.2731

■ 55.3912, 61.5089,
49.5625

■ 61.9549, 64.3422,
74.7328

■ 52.6204, 60.2998,
39.5252

■ 65.7744, 65.9772,
90.0051

■ 50.1710, 59.2213,
31.0857

■ 69.3669, 67.5235,
103.9850

■ 48.0273, 58.2672,
24.1615

■ 70.3316, 68.0208,
104.0302

46.1719, 57.4305,
18.6625

71.3152, 68.5279,
104.0762

44.5859, 56.7036,
14.4889

72.3176, 69.0447,
104.1231

43.2478, 56.0779,
11.5283

73.3391, 69.5712,
104.1709

42.1325, 55.5434,
9.6497

74.3796, 70.1076,
104.2196

41.2087, 55.0875,
8.6878

75.4393, 70.6539,
104.2692

Harmonies

Analogous

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



59.9522, 62.8518, 60.5362



58.4964, 62.8518, 61.2731



57.3901, 62.8518, 63.8983

Triad

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



58.4964, 62.8518, 61.2731



58.1329, 62.8518, 75.4803



62.6565, 62.8518, 69.0475

Complementary

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



58.4964, 62.8518, 61.2731



54.5396, 56.0908, 68.2769

Split Complementary

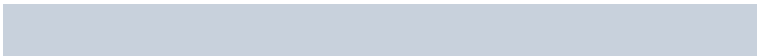
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.1506, 62.8518, 73.1814



58.4964, 62.8518, 61.2731



59.5258, 62.8518, 76.9924

Square

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



58.4964, 62.8518, 61.2731



57.1827, 62.8518, 72.0808



60.9986, 62.8518, 76.1341



62.3699, 62.8518, 64.9141

Rectangle

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



58.4964, 62.8518, 61.2731



56.9912, 62.8518, 66.4255



60.9986, 62.8518, 76.1341



62.5733, 62.8518, 70.4845

Sweetspot

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



58.4981, 62.8545, 61.2745



93.9511, 99.5271, 104.6192



56.4430, 57.9079, 60.4280



20.1209, 21.3079, 22.4376



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.



58.4981, 62.8545, 61.2745



91.3033, 98.3853, 94.4138



56.7330, 61.9446, 61.1919



12.7493, 13.7587, 13.0950



25.2764, 33.8994, 5.2110



1.4628, 1.9209, 0.2937

Inverse Universe

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



54.5396, 56.0908, 68.2769



84.2791, 86.3831, 106.8394



56.2759, 56.9859, 68.3581



11.7071, 11.9780, 14.9386



7.5202, 3.0571, 37.3862



0.4755, 0.1993, 2.0930

Previews

White Background



This preview shows how the XYZ color 58.4964, 62.8518, 61.2731 looks on a white background.

Color Contrast Check

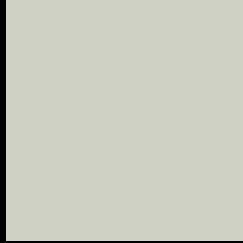
Large Text (above 18pt) WCAG AA × Fail

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 58.4964, 62.8518, 61.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

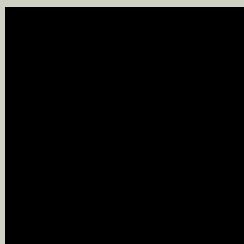
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

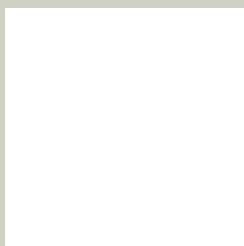
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4964, 62.8518, 61.2731

Background



This preview shows how black text looks on a background with the XYZ color 58.4964, 62.8518, 61.2731.



This preview shows how white text looks on a background with the XYZ color 58.4964, 62.8518, 61.2731.

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

58.4964, 62.8518, 61.2731

Protanopia

59.8947, 62.8619, 60.6065

Deuteranopia

64.0347, 62.8394, 62.1803



Tritanopia

61.7464, 62.7320, 77.2607

Trichromacy



Original Color

58.4964, 62.8518, 61.2731

Protanomaly

59.2702, 62.9008, 60.6469

Deuteranomaly

61.7951, 62.7465, 61.6777

Tritanomaly

60.5333, 62.5977, 71.1795

Monochromacy



Original Color

58.4964, 62.8518, 61.2731

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0675, 62.6889, 65.4869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4964, 62.8518, 61.2731 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, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 209, 196)  
}
```

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, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 209, 196) }
```

Border

The CSS property to change the border of an element to XYZ 58.4964, 62.8518, 61.2731 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, 209, 196) }
```


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

```
.border{ border-color:rgb(207, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 209,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4964, 62.8518, 61.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 209, 196) }
```

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

```
.background{ background-color: rgb(207,  
209, 196) }
```

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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