

Converting Colors

XYZ(58.8684, 65.8783, 64.4268)

Have a look what the booklet for
XYZ(58.8684, 65.8783, 64.4268)
contains.

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Color

**XYZ(58.7914, 65.9380,
64.2722)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D9C8
RGB	199, 217, 200
RGB Percent	78%, 85%, 78%
CMY	0.2196, 0.1490, 0.2157
CMYK	0.08, 0.00, 0.08, 0.15
HSL	123°, 19%, 82%
HSV	123°, 8%, 85%
XYZ	58.7914, 65.9380, 64.2722
YIQ	209.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

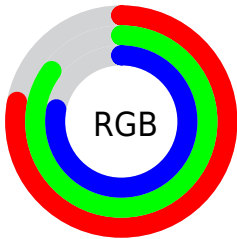
Format	Color
RYB	199, 216, 217
Decimal	13097416
CIELab	84.96, -9.17, 6.31
CIELCh	85, 11.133, 145.498
Yxy	65.9380, 0.3111, 0.3489
Android (android.graphics.Color)	4291287496 (0xFFC7D9C8)
YUV	209.6800, -4.7722, -9.3664
Hunter-Lab	81.2022, -12.8677, 9.9130

Details

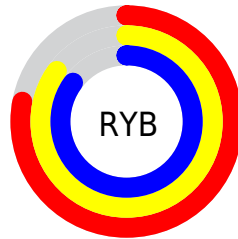
The XYZ color **58.7914, 65.9380, 64.2722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4358, 60.5581, 73.4199**, and the grayscale version is **61.0831, 64.2642, 69.9837**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7857, 33.9357, 32.1745** is the 20% darker color. If you saturate the color by 10%, you get **51.2023, 62.2860, 52.2407**, and if you desaturate by 10%, it is **67.5264, 70.1474, 78.0362**.

Distribution



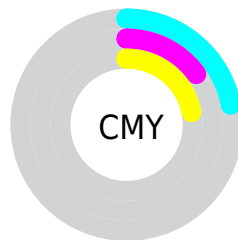
- Red (78%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7914, 65.9380, 64.2722 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 58.7914, 65.9380, 64.2722 by changing the saturation by 10% instead.

■ 58.7914, 65.9380,
64.2722

■ 58.7914, 65.9380,
64.2722

410.0349,
446.1551, 458.4064

■ 42.6909, 48.2221,
46.4236

102.1908,
113.3973, 112.6061

■ 29.8362, 34.0028,
32.2291

130.2204,
143.9095, 143.9284

■ 19.8617, 22.8957,
21.2703

162.9572,
179.4560, 180.5791

■ 12.4022, 14.5165,
13.1286

200.7664,
220.4210, 222.9767

■ 7.0924, 8.4808,
7.3854

244.0134,
267.1890, 271.5396

■ 3.5668, 4.4041,
3.6222

293.0636,

■ 1.4601, 1.9021,

320.1445, 326.6865

1.4204

348.2823,
379.6717, 388.8359

■ 0.2984, 0.5496,
0.1576

■ 0.0000, 0.0000,
0.0000

■ 58.7914, 65.9380,
64.2722

■ 58.7914, 65.9380,
64.2722

■ 51.2023, 62.2860,
52.2407

■ 67.5264, 70.1474,
78.0362

■ 44.7063, 59.1600,
41.8689

■ 77.4463, 74.9272,
93.5930

■ 39.2547, 56.5384,
33.0853

■ 84.1042, 78.1083,
105.2514

■ 34.7929, 54.3947,
25.8117

■ 31.2616, 52.7000,
19.9629

■ 28.5948, 51.4224,
15.4454

■ 26.7180, 50.5258,
12.1548

■ 25.5440, 49.9677,
9.9708

■ 24.9506, 49.6882,
8.7484

Harmonies

Analogous

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



60.6243, 65.9380, 60.0663



58.7914, 65.9380, 64.2722



57.9985, 65.9380, 70.7195

Triad

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



58.7914, 65.9380, 64.2722



62.2953, 65.9380, 86.4213



67.1143, 65.9380, 66.0274

Complementary

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



58.7914, 65.9380, 64.2722



61.4358, 60.5581, 73.4199

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.



67.5902, 65.9380, 72.8819



58.7914, 65.9380, 64.2722



64.7654, 65.9380, 84.9595

Square

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



58.7914, 65.9380, 64.2722



59.9870, 65.9380, 83.7557



66.7199, 65.9380, 79.8836



65.4361, 65.9380, 61.0314

Rectangle

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



58.7914, 65.9380, 64.2722



58.1506, 65.9380, 75.5392



66.7199, 65.9380, 79.8836



67.4220, 65.9380, 68.1772

Sweetspot

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



58.7932, 65.9408, 64.2736



92.4326, 98.7392, 104.7801



63.4730, 68.3668, 63.8844



19.8118, 21.1474, 22.4704



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.



58.7932, 65.9408, 64.2736



82.6449, 94.0252, 89.3324



59.8644, 66.3693, 69.9143



12.9157, 14.6179, 14.0190



15.0732, 30.0619, 5.2847



0.9871, 1.9518, 0.3979

Inverse Universe

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



61.4358, 60.5581, 73.4199



87.2206, 84.7048, 105.1692



60.3156, 60.1100, 67.5210



13.5815, 13.2617, 16.3235



24.0020, 11.6018, 35.9863



1.5647, 0.7555, 2.3827

Previews

White Background



This preview shows how the XYZ color 58.7914, 65.9380, 64.2722 looks on a white background.

Color Contrast Check

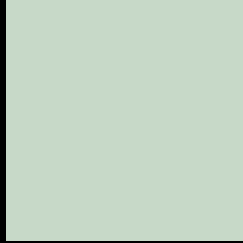
Large Text (above 18pt) WCAG AA × Fail

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 58.7914, 65.9380, 64.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

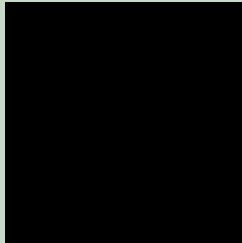
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

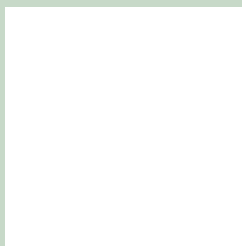
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7914, 65.9380, 64.2722

Background



This preview shows how black text looks on a background with the XYZ color 58.7914, 65.9380, 64.2722.



This preview shows how white text looks on a background with the XYZ color 58.7914, 65.9380,

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

58.7914, 65.9380, 64.2722

Protanopia

62.5857, 65.6798, 62.2022

Deuteranopia

67.0841, 65.7598, 65.0343



Tritanopia

62.9790, 66.1390, 84.3097

Trichromacy



Original Color

58.7914, 65.9380, 64.2722

Protanomaly

61.1387, 65.6628, 62.8779

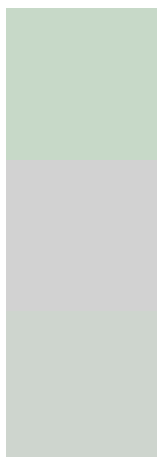
Deuteranomaly

63.7745, 65.5059, 64.5410

Tritanomaly

61.1899, 65.7642, 76.4865

Monochromacy



Original Color

58.7914, 65.9380, 64.2722

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.3884, 65.1665, 67.7881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7914, 65.9380, 64.2722 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(199, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 200)  
}
```

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(199, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.7914, 65.9380, 64.2722 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(199, 217, 200) }
```


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

```
.border{ border-color:rgb(199, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7914, 65.9380, 64.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 200) }
```

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

```
.background{ background-color: rgb(199,  
217, 200) }
```

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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