

Converting Colors

XYZ(58.1623, 65.6754, 62.6213)

Have a look what the booklet for
XYZ(58.1623, 65.6754, 62.6213)
contains.

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Color

**XYZ(58.1796, 65.6627,
62.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D9C5
RGB	198, 217, 197
RGB Percent	78%, 85%, 77%
CMY	0.2235, 0.1490, 0.2274
CMYK	0.09, 0.00, 0.09, 0.15
HSL	117°, 21%, 81%
HSV	117°, 9%, 85%
XYZ	58.1796, 65.6627, 62.4311
YIQ	209.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

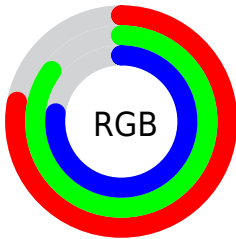
Format	Color
RYB	197, 217, 216
Decimal	13031877
CIELab	84.82, -10.05, 7.68
CIELCh	85, 12.650, 142.613
Yxy	65.6627, 0.3123, 0.3525
Android (android.graphics.Color)	4291221957 (0xFFC6D9C5)
YUV	209.0390, -5.9352, -9.6812
Hunter-Lab	81.0325, -13.6478, 11.0431

Details

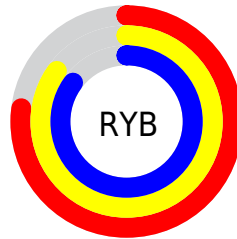
The XYZ color **58.1796, 65.6627, 62.4311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8121, 59.5430, 73.9368**, and the grayscale version is **60.6711, 63.8307, 69.5117**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.3799, 33.7531, 30.9531** is the 20% darker color. If you saturate the color by 10%, you get **50.8010, 62.1277, 50.0270**, and if you desaturate by 10%, it is **66.6595, 69.7279, 76.7579**.

Distribution



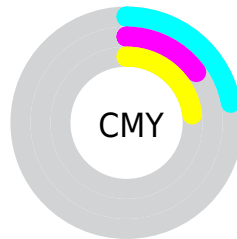
- Red (78%)
- Green (85%)
- Blue (77%)



- Red (77%)
- Yellow (85%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1796, 65.6627, 62.4311 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 58.1796, 65.6627, 62.4311 by changing the saturation by 10% instead.

■ 58.1796, 65.6627,
62.4311

■ 58.1796, 65.6627,
62.4311

407.7979,
445.1696, 451.5529

■ 42.1969, 47.9986,
44.9431

101.3058,
113.0021, 109.9260

■ 29.4473, 33.8258,
31.0700

129.1800,
143.4462, 140.7699

■ 19.5654, 22.7598,
20.3932

161.7488,
178.9191, 176.9029

■ 12.1860, 14.4163,
12.4943

199.3774,
219.8052, 218.7436

■ 6.9436, 8.4107,
6.9546

242.4313,
266.4889, 266.7103

■ 3.4728, 4.3589,
3.3557

291.2757,

■ 1.4085, 1.8763,

319.3547, 321.2218

1.2790

346.2762,
378.7867, 382.6964

■ 0.2622, 0.5341,
0.0445

■ 0.0000, 0.0000,
0.0000

■ 58.1796, 65.6627,
62.4311

■ 58.1796, 65.6627,
62.4311

■ 50.8010, 62.1277,
50.0270

■ 66.6595, 69.7279,
76.7579

■ 44.4733, 59.0930,
39.4599

■ 76.2777, 74.3349,
93.0798

■ 39.1504, 56.5386,
30.6436

■ 84.1041, 78.1083,
105.2514

■ 34.7806, 54.4398,
23.4837

■ 31.3075, 52.7698,
17.8768

■ 28.6688, 51.4991,
13.7079

■ 26.7944, 50.5942,
10.8460

■ 25.6023, 50.0163,
9.1364

■ 24.9815, 49.7135,
8.3277

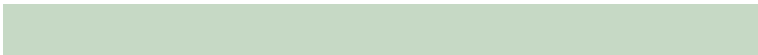
Harmonies

Analogous

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



60.3383, 65.6627, 58.0337



58.1796, 65.6627, 62.4311



57.1603, 65.6627, 69.5076

Triad

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



58.1796, 65.6627, 62.4311



61.7124, 65.6627, 88.1178



67.5777, 65.6627, 65.6605

Complementary

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



58.1796, 65.6627, 62.4311



60.8121, 59.5430, 73.9368

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.



67.9725, 65.6627, 73.5210



58.1796, 65.6627, 62.4311



64.5295, 65.6627, 86.8930

Square

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



58.1796, 65.6627, 62.4311



59.1595, 65.6627, 84.6277



66.8415, 65.6627, 81.3974



65.7783, 65.6627, 59.7974

Rectangle

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



58.1796, 65.6627, 62.4311



57.2418, 65.6627, 74.9583



66.8415, 65.6627, 81.3974



67.8812, 65.6627, 68.1411

Sweetspot

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



58.1814, 65.6655, 62.4325



91.2191, 98.1646, 102.4190



63.2521, 67.8980, 62.5962



19.3109, 20.9088, 21.5606



0.0000, 0.0000, 0.0000



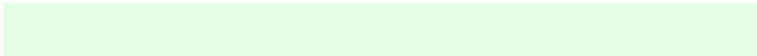
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1814, 65.6655, 62.4325



81.7248, 93.6149, 86.3990



58.9815, 65.9552, 68.0165



12.9464, 14.6371, 13.8685



15.1289, 30.0967, 5.0119



1.0018, 1.9610, 0.3257

Inverse Universe

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



60.8121, 59.5430, 73.9368



86.2316, 83.1259, 106.1078



59.9690, 59.2400, 67.9505



13.5467, 13.2400, 16.4937



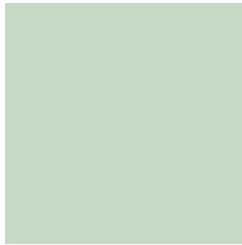
23.0435, 11.0036, 40.6478



1.5130, 0.7233, 2.6343

Previews

White Background



This preview shows how the XYZ color 58.1796, 65.6627, 62.4311 looks on a white background.

Color Contrast Check

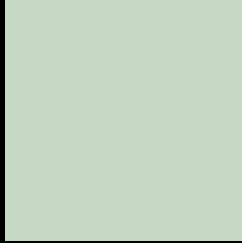
Large Text (above 18pt) WCAG AA × Fail

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 58.1796, 65.6627, 62.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

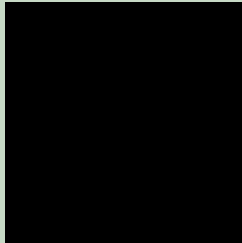
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

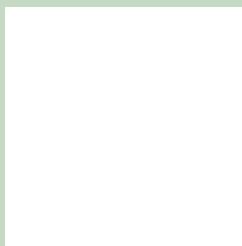
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1796, 65.6627, 62.4311

Background



This preview shows how black text looks on a background with the XYZ color 58.1796, 65.6627, 62.4311.



This preview shows how white text looks on a background with the XYZ color 58.1796, 65.6627, 62.4311.

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

58.1796, 65.6627, 62.4311

Protanopia

62.2453, 65.5436, 60.4094

Deuteranopia

66.6103, 65.1887, 63.7155



Tritanopia

62.3149, 65.4406, 83.4757

Trichromacy



Original Color

58.1796, 65.6627, 62.4311

Protanomaly

60.5085, 65.3775, 61.0597

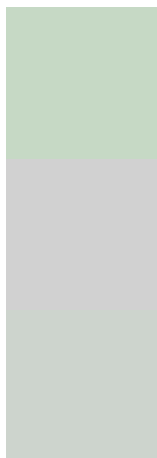
Deuteranomaly

63.2335, 65.2540, 63.2954

Tritanomaly

60.6583, 65.5204, 75.0953

Monochromacy



Original Color

58.1796, 65.6627, 62.4311

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7398, 64.4739, 67.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1796, 65.6627, 62.4311 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(198, 217, 197) looks like.

```
.text, #text, p{  
    color:rgb(198, 217, 197)  
}
```

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(198, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 217, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.1796, 65.6627, 62.4311 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(198, 217, 197) }
```


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

```
.border{ border-color:rgb(198, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 217,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1796, 65.6627, 62.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 217, 197) }
```

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

```
.background{ background-color: rgb(198,  
217, 197) }
```

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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