

Converting Colors

XYZ(58.2810, 62.2491, 63.9236)

Have a look what the booklet for
XYZ(58.2810, 62.2491, 63.9236)
contains.

XYZ(58.2753, 62.3079, 64.2135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.2753, 62.3079,
64.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD0C9
RGB	205, 208, 201
RGB Percent	80%, 82%, 79%
CMY	0.1961, 0.1843, 0.2118
CMYK	0.01, 0.00, 0.03, 0.18
HSL	86°, 7%, 80%
HSV	86°, 3%, 82%
XYZ	58.2753, 62.3079, 64.2135
YIQ	206.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

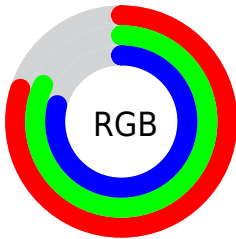
Format	Color
RYB	201, 208, 204
Decimal	13488329
CIELab	83.08, -2.29, 3.10
CIElCh	83, 3.854, 126.404
Yxy	62.3079, 0.3153, 0.3372
Android (android.graphics.Color)	4291678409 (0xFFCDD0C9)
YUV	206.3050, -2.6154, -1.1445
Hunter-Lab	78.9354, -6.3564, 7.0226

Details

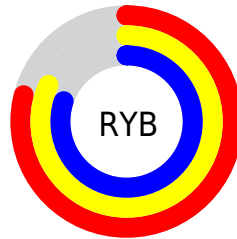
The XYZ color **58.2753, 62.3079, 64.2135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1760, 59.1664, 68.0844**, and the grayscale version is **58.8791, 61.9454, 67.4585**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5846, 31.7971, 32.1819** is the 20% darker color. If you saturate the color by 10%, you get **53.6016, 60.1642, 52.0752**, and if you desaturate by 10%, it is **63.4242, 64.6619, 78.1063**.

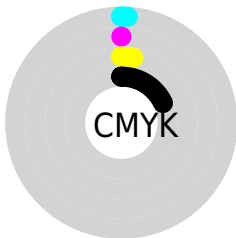
Distribution



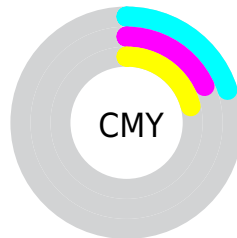
- Red (80%)
- Green (82%)
- Blue (79%)



- Red (79%)
- Yellow (82%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2753, 62.3079, 64.2135 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 58.2753, 62.3079, 64.2135 by changing the saturation by 10% instead.

■ 58.2753, 62.3079,
64.2135

■ 58.2753, 62.3079,
64.2135

408.1483,
433.0533, 458.1888

■ 42.2741, 45.2815,
46.3763

101.4443,
108.1704, 112.5208

■ 29.5081, 31.6792,
32.1921

129.3429,
137.7753, 143.8280

■ 19.6117, 21.1166,
21.2422

161.9379,
172.3419, 180.4622

■ 12.2197, 13.2093,
13.1082

199.5949,
212.2545, 222.8421

■ 6.9668, 7.5728,
7.3715

242.6790,
257.8976, 271.3862

■ 3.4875, 3.8228,
3.6136

291.5557,

■ 1.4165, 1.5750,

309.6555, 326.5130

1.4158

346.5904,
367.9126, 388.6410

■ 0.2679, 0.3406,
0.1540

■ 0.0000, 0.0000,
0.0000

■ 58.2753, 62.3079,
64.2135

■ 58.2753, 62.3079,
64.2135

■ 53.6016, 60.1642,
52.0752

■ 63.4242, 64.6619,
78.1063

■ 49.3824, 58.2162,
41.6175

■ 69.0579, 67.2243,
93.8154

■ 45.6029, 56.4597,
32.7674

■ 73.8094, 69.4506,
104.1229

■ 42.2455, 54.8875,
25.4449

■ 76.7754, 70.9796,
104.2617

■ 39.2912, 53.4917,
19.5631

■ 79.8906, 72.5855,
104.4075

■ 36.7193, 52.2636,
15.0263

■ 81.8471, 73.5942,
104.4990

■ 34.5068, 51.1937,
11.7273

■ 32.6276, 50.2713,
9.5426

■ 31.0504, 49.4836,
8.3230

Harmonies

Analogous

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



59.0431, 62.3079, 63.3809



58.2753, 62.3079, 64.2135



57.7646, 62.3079, 66.0211

Triad

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



58.2753, 62.3079, 64.2135



58.5823, 62.3079, 72.1384



60.8295, 62.3079, 67.3318

Complementary

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



58.2753, 62.3079, 64.2135



57.1760, 59.1664, 68.0844

Split Complementary

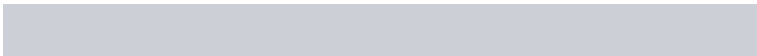
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.7033, 62.3079, 69.6975



58.2753, 62.3079, 64.2135



59.4008, 62.3079, 72.5092

Square

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



58.2753, 62.3079, 64.2135



57.9406, 62.3079, 70.6046



60.1785, 62.3079, 71.6062



60.5217, 62.3079, 65.1538

Rectangle

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



58.2753, 62.3079, 64.2135



57.6359, 62.3079, 67.5551



60.1785, 62.3079, 71.6062



60.8365, 62.3079, 68.1312

Sweetspot

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



58.2770, 62.3106, 64.2149



94.2409, 99.6300, 106.7333



58.1304, 60.7752, 63.9262



20.1800, 21.3288, 22.8681



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.



58.2770, 62.3106, 64.2149



91.8597, 98.5401, 100.4048



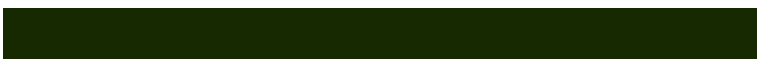
57.3449, 61.8300, 64.1712



12.7879, 13.7616, 13.8676



18.8944, 30.6094, 4.9124



1.1463, 1.7578, 0.2789

Inverse Universe

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



57.1760, 59.1664, 68.0844



89.7711, 92.5757, 107.7452



58.1228, 59.6544, 68.1288



12.4494, 12.7950, 15.0572



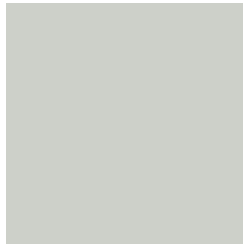
9.7819, 4.2231, 37.4921



0.6369, 0.2825, 2.1005

Previews

White Background



This preview shows how the XYZ color 58.2753, 62.3079, 64.2135 looks on a white background.

Color Contrast Check

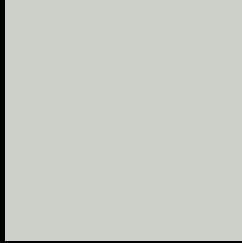
Large Text (above 18pt) WCAG AA × Fail

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 58.2753, 62.3079, 64.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

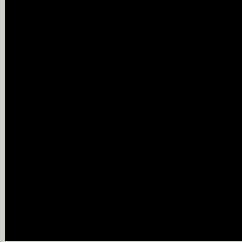
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

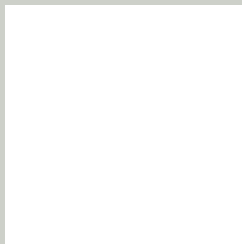
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2753, 62.3079, 64.2135

Background



This preview shows how black text looks on a background with the XYZ color 58.2753, 62.3079, 64.2135.



This preview shows how white text looks on a background with the XYZ color 58.2753, 62.3079,

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

58.2753, 62.3079, 64.2135

Protanopia

59.6480, 62.3098, 63.5268

Deuteranopia

63.4287, 62.1143, 65.1461



Tritanopia

60.8949, 62.2930, 77.2209

Trichromacy



Original Color

58.2753, 62.3079, 64.2135

Protanomaly

59.0326, 62.3511, 63.5672

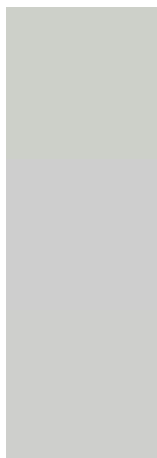
Deuteranomaly

61.5318, 62.1918, 64.6383

Tritanomaly

59.9410, 62.2631, 72.4771

Monochromacy



Original Color

58.2753, 62.3079, 64.2135

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6655, 62.1071, 66.0226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2753, 62.3079, 64.2135 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(205, 208, 201) looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 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(205, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.2753, 62.3079, 64.2135 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(205, 208, 201) }
```


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

```
.border{ border-color:rgb(205, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2753, 62.3079, 64.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 201) }
```

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

```
.background{ background-color: rgb(205,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor