

Converting Colors

XYZ(59.6676, 64.1342, 62.1226)

Have a look what the booklet for
XYZ(59.6676, 64.1342, 62.1226)
contains.

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Color

**XYZ(59.6668, 64.1751,
62.0656)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D3C5
RGB	209, 211, 197
RGB Percent	82%, 83%, 77%
CMY	0.1804, 0.1725, 0.2274
CMYK	0.01, 0.00, 0.07, 0.17
HSL	69°, 14%, 80%
HSV	69°, 7%, 83%
XYZ	59.6668, 64.1751, 62.0656
YIQ	208.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

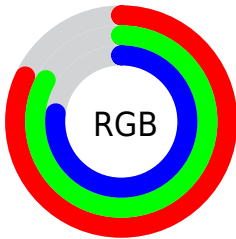
Format	Color
RYB	197, 211, 199
Decimal	13751237
CIELab	84.06, -3.16, 6.68
CIELCh	84, 7.391, 115.286
Yxy	64.1751, 0.3209, 0.3452
Android (android.graphics.Color)	4291941317 (0xFFD1D3C5)
YUV	208.8060, -5.8204, 0.1701
Hunter-Lab	80.1094, -7.2416, 10.1410

Details

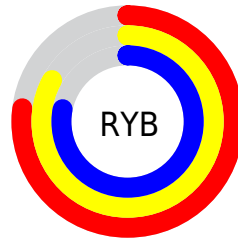
The XYZ color **59.6668, 64.1751, 62.0656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2799, 56.7796, 69.6775**, and the grayscale version is **60.5146, 63.6661, 69.3324**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.5325, 33.0657, 30.7597** is the 20% darker color. If you saturate the color by 10%, you get **56.5706, 62.8409, 50.1709**, and if you desaturate by 10%, it is **63.1213, 65.6586, 75.7463**.

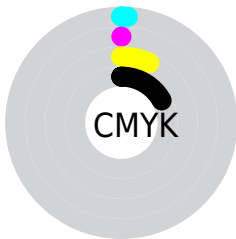
Distribution



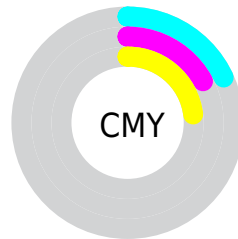
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6668, 64.1751, 62.0656 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 59.6668, 64.1751, 62.0656 by changing the saturation by 10% instead.

■ 59.6668, 64.1751,
62.0656

■ 59.6668, 64.1751,
62.0656

413.2230,
439.8217, 450.1846

■ 43.3986, 46.7925,
44.6496

103.4553,
110.8631, 109.3929

■ 30.3938, 32.8717,
30.8406

131.7062,
140.9372, 140.1412

■ 20.2873, 22.0281,
20.2200

164.6821,
176.0107, 176.1706

■ 12.7135, 13.8776,
12.3694

202.7482,
216.4679, 217.8998

■ 7.3072, 8.0356,
6.8702

246.2701,
262.6932, 265.7473

■ 3.7030, 4.1177,
3.3038

295.6129,

■ 1.5355, 1.7396,

315.0710, 320.1315

1.2518

351.1421,
373.9857, 381.4711

■ 0.3498, 0.4491,
0.0218

■ 0.0000, 0.0000,
0.0000

■ 59.6668, 64.1751,
62.0656

■ 59.6668, 64.1751,
62.0656

■ 56.5706, 62.8409,
50.1709

■ 63.1213, 65.6586,
75.7463

■ 53.8132, 61.6420,
39.9844

■ 66.9419, 67.2884,
91.2782

■ 51.3814, 60.5752,
31.4288

■ 70.2773, 68.7260,
104.1692

■ 49.2590, 59.6340,
24.4191

■ 71.1890, 69.1960,
104.2118

47.4282, 58.8113,
18.8628

72.1174, 69.6746,
104.2553

45.8696, 58.0993,
14.6572

73.0623, 70.1617,
104.2995

44.5610, 57.4891,
11.6867

74.0240, 70.6575,
104.3445

43.4768, 56.9704,
9.8160

75.0025, 71.1619,
104.3903

42.5836, 56.5300,
8.8708

75.9978, 71.6750,
104.4369

Harmonies

Analogous

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



61.2546, 64.1751, 61.3017



59.6668, 64.1751, 62.0656



58.4549, 64.1751, 64.8849

Triad

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



59.6668, 64.1751, 62.0656



59.2280, 64.1751, 77.5214



64.1756, 64.1751, 70.6165

Complementary

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



59.6668, 64.1751, 62.0656



55.2799, 56.7796, 69.6775

Split Complementary

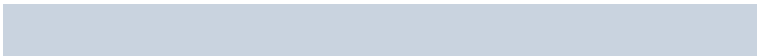
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.6108, 64.1751, 75.1162



59.6668, 64.1751, 62.0656



60.7391, 64.1751, 79.2142

Square

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



59.6668, 64.1751, 62.0656



58.2047, 64.1751, 73.7826



62.3458, 64.1751, 78.3151



63.8762, 64.1751, 66.1094

Rectangle

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



59.6668, 64.1751, 62.0656



58.0134, 64.1751, 67.6193



62.3458, 64.1751, 78.3151



64.0802, 64.1751, 72.1819

Sweetspot

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



59.6686, 64.1779, 62.0670



93.9716, 99.5377, 104.6201



57.3369, 58.6674, 61.1263



20.1251, 21.3100, 22.4378



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.



59.6686, 64.1779, 62.0670



90.8716, 98.2055, 92.4607



57.7678, 63.1980, 61.9780



12.6302, 13.7083, 12.5923



25.5968, 34.0646, 5.2260



1.4778, 1.9287, 0.2944

Inverse Universe

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



55.2799, 56.7796, 69.6775



82.7428, 84.5020, 106.5572



57.1428, 57.7399, 69.7646



11.3189, 11.4977, 14.8664



7.4747, 3.0336, 37.3841



0.4699, 0.1964, 2.0927

Previews

White Background



This preview shows how the XYZ color 59.6668, 64.1751, 62.0656 looks on a white background.

Color Contrast Check

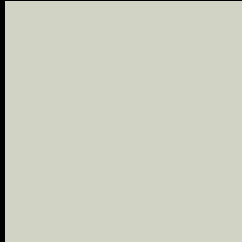
Large Text (above 18pt) WCAG AA × Fail

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 59.6668, 64.1751, 62.0656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

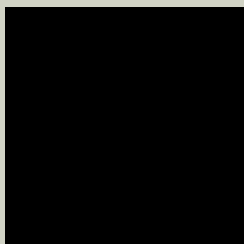
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

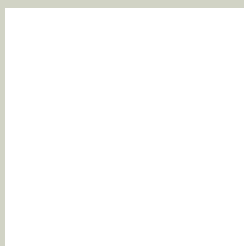
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6668, 64.1751, 62.0656

Background



This preview shows how black text looks on a background with the XYZ color 59.6668, 64.1751, 62.0656.



This preview shows how white text looks on a background with the XYZ color 59.6668, 64.1751,

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

59.6668, 64.1751, 62.0656

Protanopia

61.0832, 64.1854, 61.3941

Deuteranopia

65.3610, 63.8570, 62.9136



Tritanopia

63.0727, 64.0995, 78.8602

Trichromacy



Original Color

59.6668, 64.1751, 62.0656

Protanomaly

60.4510, 64.2248, 61.4351

Deuteranomaly

63.0757, 63.7474, 62.4061

Tritanomaly

61.8449, 63.9638, 72.7050

Monochromacy



Original Color

59.6668, 64.1751, 62.0656

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3605, 64.0563, 66.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6668, 64.1751, 62.0656 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(209, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 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(209, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.6668, 64.1751, 62.0656 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(209, 211, 197) }
```


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

```
.border{ border-color:rgb(209, 211, 197) }
```

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

Here you see how a box with a 4 pixel rgb(209, 211, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6668, 64.1751, 62.0656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 197) }
```

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

```
.background{ background-color: rgb(209,  
211, 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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