

Converting Colors

XYZ(60.4626, 64.6481, 62.7219)

Have a look what the booklet for
XYZ(60.4626, 64.6481, 62.7219)
contains.

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Color

**XYZ(60.3513, 64.5146,
62.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D3C6
RGB	211, 211, 198
RGB Percent	83%, 83%, 78%
CMY	0.1725, 0.1725, 0.2235
CMYK	0.00, 0.00, 0.06, 0.17
HSL	60°, 13%, 80%
HSV	60°, 6%, 83%
XYZ	60.3513, 64.5146, 62.6978
YIQ	209.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

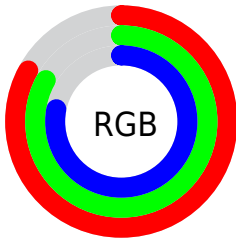
Format	Color
RYB	198, 211, 198
Decimal	13882310
CIELab	84.23, -2.29, 6.43
CIELCh	84, 6.820, 109.578
Yxy	64.5146, 0.3218, 0.3440
Android (android.graphics.Color)	4292072390 (0xFFD3D3C6)
YUV	209.5180, -5.6784, 1.2997
Hunter-Lab	80.3210, -6.4410, 9.9435

Details

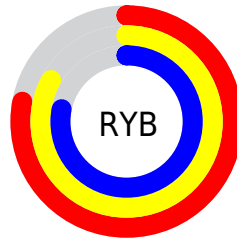
The XYZ color **60.3513, 64.5146, 62.6978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2431, 57.0988, 69.7409**, and the grayscale version is **60.9783, 64.1539, 69.8636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8013, 33.1955, 31.1695** is the 20% darker color. If you saturate the color by 10%, you get **58.0841, 63.6096, 50.7598**, and if you desaturate by 10%, it is **62.9612, 65.5609, 76.4244**.

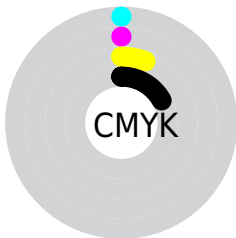
Distribution



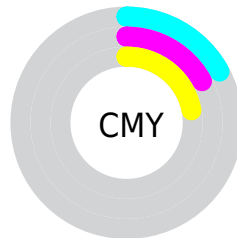
- Red (83%)
- Green (83%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3513, 64.5146, 62.6978 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 60.3513, 64.5146, 62.6978 by changing the saturation by 10% instead.

■ 60.3513, 64.5146,
62.6978

■ 60.3513, 64.5146,
62.6978

415.7055,
441.0456, 452.5496

■ 43.9524, 47.0676,
45.1573

104.4426,
111.3517, 110.3148

■ 30.8308, 33.0891,
31.2375

132.8656,
141.5106, 141.2284

■ 20.6213, 22.1947,
20.5198

166.0274,
176.6756, 177.4368

■ 12.9583, 14.0000,
12.5856

204.2934,
217.2311, 219.3585

■ 7.4767, 8.1207,
7.0165

248.0288,
263.5614, 267.4121

■ 3.8109, 4.1723,
3.3938

297.5990,

■ 1.5957, 1.7704,

316.0510, 322.0162

1.2991

353.3695,
375.0843, 383.5891

■ 0.3896, 0.4686,
0.0610

■ 0.0000, 0.0000,
0.0000

■ 60.3513, 64.5146,
62.6978

■ 60.3513, 64.5146,
62.6978

■ 58.0841, 63.6096,
50.7598

■ 62.9612, 65.5609,
76.4244

■ 56.1402, 62.8319,
40.5329

■ 65.9217, 66.7452,
92.0046

■ 54.5067, 62.1782,
31.9399

■ 68.2151, 67.6628,
104.0726

■ 53.1674, 61.6423,
24.8963

■ 68.2169, 67.6637,
104.0727

■ 52.1048, 61.2171,
19.3098

■ 68.2186, 67.6646,
104.0728

■ 51.2995, 60.8948,
15.0786

■ 68.2204, 67.6655,
104.0729

■ 50.7298, 60.6667,
12.0875

■ 68.2221, 67.6664,
104.0730

■ 50.3701, 60.5226,
10.2025

■ 68.2239, 67.6673,
104.0731

■ 50.1885, 60.4497,
9.2553

■ 68.2256, 67.6682,
104.0731

Harmonies

Analogous

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



61.8460, 64.5146, 62.3798



60.3513, 64.5146, 62.6978



59.1350, 64.5146, 64.9900

Triad

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



60.3513, 64.5146, 62.6978



59.4556, 64.5146, 76.7685



64.2196, 64.5146, 71.7605

Complementary

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



60.3513, 64.5146, 62.6978



55.2431, 57.0988, 69.7409

Split Complementary

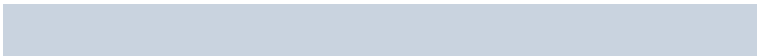
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.5565, 64.5146, 75.7769



60.3513, 64.5146, 62.6978



60.7954, 64.5146, 78.7459

Square

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



60.3513, 64.5146, 62.6978



58.6238, 64.5146, 73.0691



62.2974, 64.5146, 78.3757



64.0960, 64.5146, 67.4954

Rectangle

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



60.3513, 64.5146, 62.6978



58.6380, 64.5146, 67.3835



62.2974, 64.5146, 78.3757



64.0809, 64.5146, 73.1873

Sweetspot

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



60.3531, 64.5174, 62.6992



94.2391, 99.6756, 104.6327



57.2531, 58.3158, 61.6656



20.1795, 21.3381, 22.4404



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.



60.3531, 64.5174, 62.6992



92.3061, 98.9022, 94.4607



58.5288, 63.5769, 62.6138



12.8985, 13.8356, 13.1020



30.2601, 36.4686, 5.4443



1.6921, 2.0392, 0.3044

Inverse Universe

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



55.2431, 57.0988, 69.7409



83.3545, 85.9065, 106.7961



56.9930, 58.0009, 69.8228



11.5703, 11.9074, 14.9322



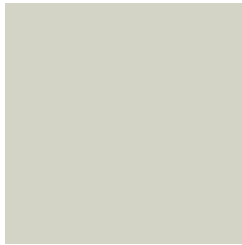
7.0965, 2.8387, 37.3664



0.3969, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 60.3513, 64.5146, 62.6978 looks on a white background.

Color Contrast Check

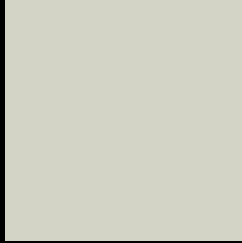
Large Text (above 18pt) WCAG AA × Fail

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 60.3513, 64.5146, 62.6978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

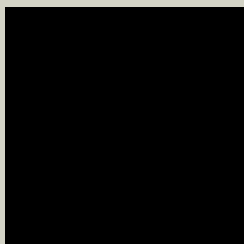
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

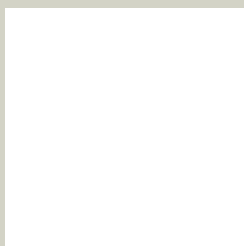
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3513, 64.5146, 62.6978

Background



This preview shows how black text looks on a background with the XYZ color 60.3513, 64.5146, 62.6978.



This preview shows how white text looks on a background with the XYZ color 60.3513, 64.5146,

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

60.3513, 64.5146, 62.6978

Protanopia

61.4938, 64.3839, 62.0096

Deuteranopia

65.7129, 64.3744, 63.6056



Tritanopia

63.7917, 64.4545, 79.5998

Trichromacy



Original Color

60.3513, 64.5146, 62.6978

Protanomaly

61.1490, 64.5715, 62.0640

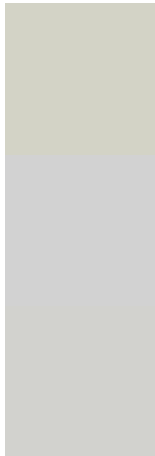
Deuteranomaly

63.7441, 64.4349, 63.1103

Tritanomaly

62.5532, 64.3142, 73.4070

Monochromacy



Original Color

60.3513, 64.5146, 62.6978

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7655, 64.2511, 67.5915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3513, 64.5146, 62.6978 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(211, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 198)  
}
```

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(211, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.3513, 64.5146, 62.6978 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(211, 211, 198) }
```


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

```
.border{ border-color:rgb(211, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3513, 64.5146, 62.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 198) }
```

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

```
.background{ background-color: rgb(211,  
211, 198) }
```

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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