

Converting Colors

XYZ(60.6066, 62.6934, 61.8224)

Have a look what the booklet for
XYZ(60.6066, 62.6934, 61.8224)
contains.

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Color

**XYZ(60.7646, 62.9255,
61.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CEC5
RGB	217, 206, 197
RGB Percent	85%, 81%, 77%
CMY	0.1490, 0.1921, 0.2274
CMYK	0.00, 0.05, 0.09, 0.15
HSL	27°, 21%, 81%
HSV	27°, 9%, 85%
XYZ	60.7646, 62.9255, 61.7665
YIQ	208.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

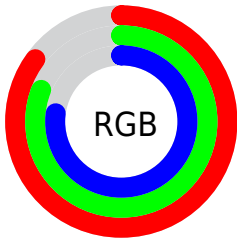
Format	Color
R _Y B	217, 213, 197
Decimal	14274245
CIE Lab	83.40, 2.27, 5.82
CIE LCh	83, 6.250, 68.698
Yxy	62.9255, 0.3276, 0.3393
Android (android.graphics.Color)	4292464325 (0xFFD9CEC5)
YUV	208.2630, -5.5527, 7.6623
Hunter-Lab	79.3256, -2.0861, 9.3620

Details

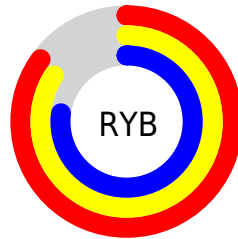
The XYZ color **60.7646, 62.9255, 61.7665** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1061, 61.9908, 74.5492**, and the grayscale version is **60.1569, 63.2897, 68.9225**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.0865, 32.1210, 30.5481** is the 20% darker color. If you saturate the color by 10%, you get **55.6914, 56.4756, 48.6784**, and if you desaturate by 10%, it is **66.4173, 69.9603, 76.8151**.

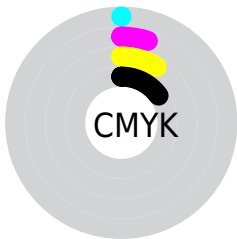
Distribution



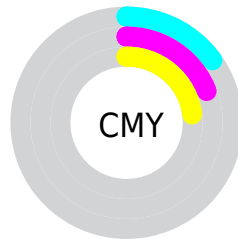
- Red (85%)
- Green (81%)
- Blue (77%)



- Red (85%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7646, 62.9255, 61.7665 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 60.7646, 62.9255, 61.7665 by changing the saturation by 10% instead.

■ 60.7646, 62.9255,
61.7665

■ 60.7646, 62.9255,
61.7665

417.2001,
435.2991, 449.0630

■ 44.2870, 45.7809,
44.4095

105.0381,
109.0620, 108.9563

■ 31.0951, 32.0730,
30.6530

133.5647,
138.8228, 139.6262

■ 20.8235, 21.4173,
20.0785

166.8384,
173.5577, 175.5707

■ 13.1067, 13.4293,
12.2675

205.2244,
213.6512, 217.2086

■ 7.5796, 7.7249,
6.8014

249.0883,
259.4877, 264.9581

■ 3.8767, 3.9194,
3.2616

298.7953,

■ 1.6326, 1.6286,

311.4516, 319.2380

1.2297

354.7108,
369.9273, 380.4668

■ 0.4135, 0.3768,
0.0031

■ 0.0000, 0.0000,
0.0000

■ 60.7646, 62.9255,
61.7665

■ 60.7646, 62.9255,
61.7665

■ 55.6914, 56.4756,
48.6784

■ 66.4173, 69.9603,
76.8151

■ 51.1725, 50.5864,
37.4651

■ 72.6633, 77.5866,
93.8972

■ 47.1883, 45.2444,
28.0403

■ 78.3575, 85.3557,
106.9532

■ 43.7160, 40.4321,
20.3094

■ 82.0213, 92.6832,
108.1744

■ 40.7309, 36.1310,
14.1689

■ 82.4256, 93.4919,
108.3092

■ 38.2060, 32.3213,
9.5039

■ 36.1110, 28.9817,
6.1836

■ 34.4107, 26.0881,
4.0537

■ 33.0516, 23.6089,
2.8638

Harmonies

Analogous

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



61.8747, 62.9255, 63.9350



60.7646, 62.9255, 61.7665



59.4139, 62.9255, 61.3699

Triad

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



60.7646, 62.9255, 61.7665



57.2589, 62.9255, 69.6550



61.4601, 62.9255, 74.5329

Complementary

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



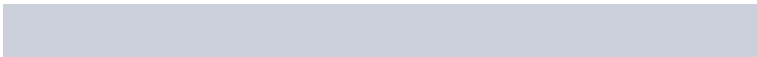
60.7646, 62.9255, 61.7665



58.1061, 61.9908, 74.5492

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.



60.2055, 62.9255, 76.1946



60.7646, 62.9255, 61.7665



57.7894, 62.9255, 73.3090

Square

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



60.7646, 62.9255, 61.7665



57.4034, 62.9255, 65.8282



58.8631, 62.9255, 75.7383



62.2804, 62.9255, 71.2743

Rectangle

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



60.7646, 62.9255, 61.7665



58.5608, 62.9255, 62.1486



58.8631, 62.9255, 75.7383



61.0744, 62.9255, 75.3023

Sweetspot

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



60.7663, 62.9283, 61.7678



92.5154, 96.8628, 102.0994



59.9675, 59.2392, 67.9490



19.6599, 20.5560, 21.4741



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.



60.7663, 62.9283, 61.7678



86.1342, 88.8753, 85.2518



63.2499, 67.8954, 62.5957



13.5363, 14.0120, 13.7167



20.0511, 14.3878, 1.7203



1.3842, 1.1026, 0.1399

Inverse Universe

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



58.1061, 61.9908, 74.5492



81.5758, 87.2687, 107.1528



55.7453, 57.2692, 73.7623



12.9291, 13.7980, 16.6340



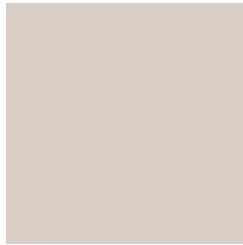
11.7042, 11.2777, 41.2983



0.8439, 0.9019, 2.7040

Previews

White Background



This preview shows how the XYZ color 60.7646, 62.9255, 61.7665 looks on a white background.

Color Contrast Check

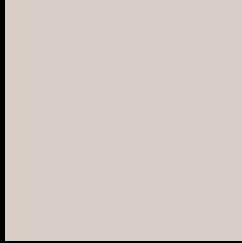
Large Text (above 18pt) WCAG AA × Fail

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 60.7646, 62.9255, 61.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

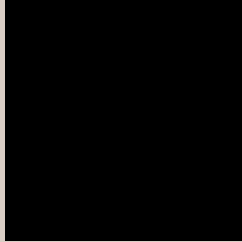
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7646, 62.9255, 61.7665

Background



This preview shows how black text looks on a background with the XYZ color 60.7646, 62.9255, 61.7665.

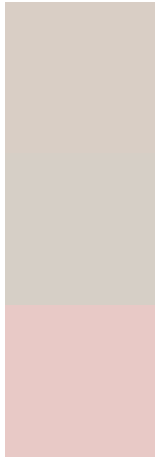


This preview shows how white text looks on a background with the XYZ color 60.7646, 62.9255,

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

60.7646, 62.9255, 61.7665

Protanopia

60.2374, 62.9990, 62.4113

Deuteranopia

64.3584, 63.0063, 62.1955



Tritanopia

63.6573, 63.0420, 75.8311

Trichromacy



Original Color

60.7646, 62.9255, 61.7665

Protanomaly

60.5302, 63.1499, 62.4250

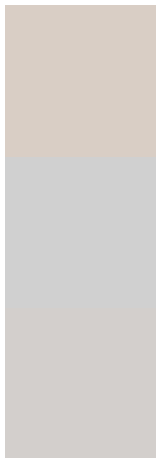
Deuteranomaly

63.2275, 63.1200, 62.2770

Tritanomaly

62.5642, 62.9489, 70.4809

Monochromacy



Original Color

60.7646, 62.9255, 61.7665

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0759, 62.8342, 66.0886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7646, 62.9255, 61.7665 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(217, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 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(217, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.7646, 62.9255, 61.7665 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(217, 206, 197) }
```


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

```
.border{ border-color:rgb(217, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 206, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 206, 197); box-shadow:4px 4px 4px 4px rgb(217, 206, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7646, 62.9255, 61.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 197) }
```

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

```
.background{ background-color: rgb(217,  
206, 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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