

Converting Colors

XYZ(60.7070, 63.2379, 62.5888)

Have a look what the booklet for
XYZ(60.7070, 63.2379, 62.5888)
contains.

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Color

**XYZ(60.8248, 63.3018,
62.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CFC6
RGB	216, 207, 198
RGB Percent	85%, 81%, 78%
CMY	0.1529, 0.1882, 0.2235
CMYK	0.00, 0.04, 0.08, 0.15
HSL	30°, 19%, 81%
HSV	30°, 8%, 85%
XYZ	60.8248, 63.3018, 62.4387
YIQ	208.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

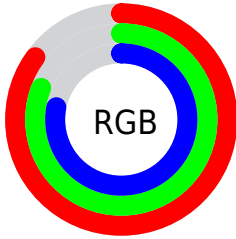
Format	Color
R _Y B	216, 216, 198
Decimal	14208966
CIE Lab	83.60, 1.56, 5.57
CIE LCh	84, 5.780, 74.339
Yxy	63.3018, 0.3260, 0.3393
Android (android.graphics.Color)	4292399046 (0xFFD8CFC6)
YUV	208.6650, -5.2578, 6.4328
Hunter-Lab	79.5624, -2.7725, 9.1643

Details

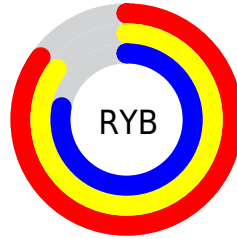
The XYZ color **60.8248, 63.3018, 62.4387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9961, 61.5883, 73.7976**, and the grayscale version is **60.4170, 63.5634, 69.2205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1232, 32.3731, 30.9938** is the 20% darker color. If you saturate the color by 10%, you get **55.9828, 57.3242, 49.3969**, and if you desaturate by 10%, it is **66.2045, 69.7848, 77.4143**.

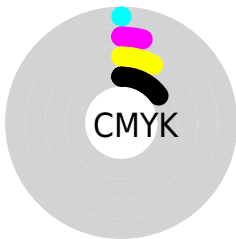
Distribution



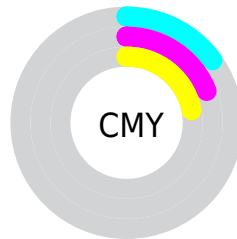
- Red (85%)
- Green (81%)
- Blue (78%)



- Red (85%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8248, 63.3018, 62.4387 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 60.8248, 63.3018, 62.4387 by changing the saturation by 10% instead.

■ 60.8248, 63.3018,
62.4387

■ 60.8248, 63.3018,
62.4387

417.4175,
436.6640, 451.5813

■ 44.3358, 46.0854,
44.9492

105.1248,
109.6048, 109.9371

■ 31.1336, 32.3132,
31.0748

133.6664,
139.4602, 140.7830

■ 20.8529, 21.6009,
20.3968

166.9564,
174.2974, 176.9182

■ 13.1284, 13.5639,
12.4969

205.3599,
214.5007, 218.7611

■ 7.5946, 7.8180,
6.9564

249.2425,
260.4547, 266.7303

■ 3.8863, 3.9787,
3.3568

298.9694,

■ 1.6380, 1.6617,

312.5436, 321.2444

1.2796

354.9059,
371.1519, 382.7219

■ 0.4170, 0.3986,
0.0450

■ 0.0000, 0.0000,
0.0000

■ 60.8248, 63.3018,
62.4387

■ 60.8248, 63.3018,
62.4387

■ 55.9828, 57.3242,
49.3969

■ 66.2045, 69.7848,
77.4143

■ 51.6548, 51.8306,
38.2047

■ 72.1342, 76.7773,
94.3948

■ 47.8227, 46.8100,
28.7779

■ 77.3505, 83.7815,
106.7024

■ 44.4656, 42.2479,
21.0241

■ 80.6129, 90.3065,
107.7899

■ 41.5606, 38.1290,
14.8422

■ 82.1293, 93.3391,
108.2953

■ 39.0826, 34.4368,
10.1203

■ 37.0035, 31.1531,
6.7311

■ 35.2909, 28.2581,
4.5254

■ 33.8984, 25.7258,
3.2823

Harmonies

Analogous

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



61.9212, 63.3018, 64.1745



60.8248, 63.3018, 62.4387



59.5666, 63.3018, 62.3998

Triad

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



60.8248, 63.3018, 62.4387



57.8427, 63.3018, 70.6629



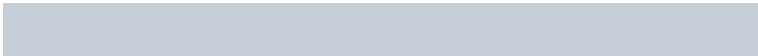
61.8808, 63.3018, 74.0231

Complementary

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



60.8248, 63.3018, 62.4387



57.9961, 61.5883, 73.7976

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.



60.7703, 63.3018, 75.8897



60.8248, 63.3018, 62.4387



58.4452, 63.3018, 73.9042

Square

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



60.8248, 63.3018, 62.4387



57.8569, 63.3018, 67.0633



59.5129, 63.3018, 75.8454



62.5367, 63.3018, 70.8206

Rectangle

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



60.8248, 63.3018, 62.4387



58.8061, 63.3018, 63.3367



59.5129, 63.3018, 75.8454



61.5477, 63.3018, 74.8325

Sweetspot

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



60.8266, 63.3046, 62.4401



93.4319, 98.0603, 104.3634



59.7763, 59.4930, 67.3651



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



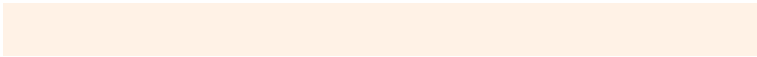
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8266, 63.3046, 62.4401



87.2810, 90.6016, 87.3830



63.0686, 67.7887, 63.1874



12.9313, 13.4369, 13.0727



20.0469, 15.2111, 1.8794



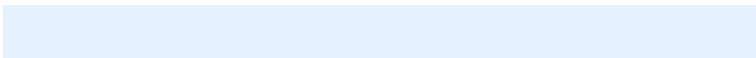
1.2919, 1.0830, 0.1410

Inverse Universe

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



57.9961, 61.5883, 73.7976



82.3478, 87.6103, 107.1780



55.8783, 57.3527, 73.0916



12.2502, 13.0239, 15.8057



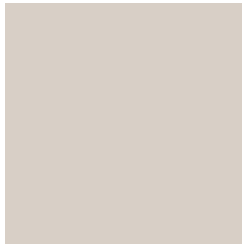
10.6155, 9.4928, 39.7260



0.7231, 0.7381, 2.4237

Previews

White Background



This preview shows how the XYZ color 60.8248, 63.3018, 62.4387 looks on a white background.

Color Contrast Check

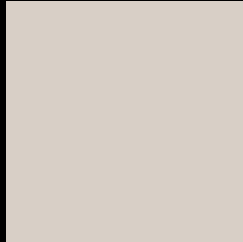
Large Text (above 18pt) WCAG AA × Fail

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 60.8248, 63.3018, 62.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

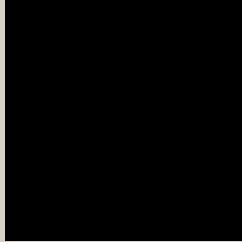
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

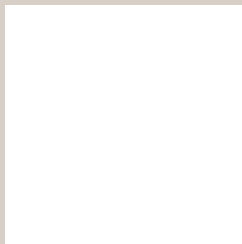
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8248, 63.3018, 62.4387

Background



This preview shows how black text looks on a background with the XYZ color 60.8248, 63.3018, 62.4387.

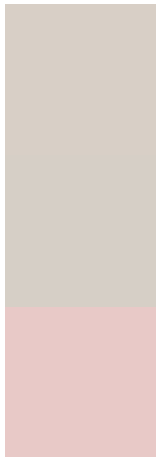


This preview shows how white text looks on a background with the XYZ color 60.8248, 63.3018,

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

60.8248, 63.3018, 62.4387

Protanopia

60.2374, 62.9990, 62.4113

Deuteranopia

64.4742, 63.0526, 62.8050



Tritanopia

63.7246, 63.4131, 76.5915

Trichromacy



Original Color

60.8248, 63.3018, 62.4387

Protanomaly

60.5302, 63.1499, 62.4250

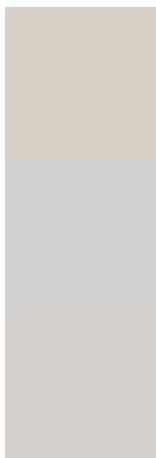
Deuteranomaly

63.0288, 63.0041, 62.8719

Tritanomaly

62.6284, 63.3215, 71.2088

Monochromacy



Original Color

60.8248, 63.3018, 62.4387

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7267, 63.5166, 66.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8248, 63.3018, 62.4387 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(216, 207, 198) looks like.

```
.text, #text, p{  
    color:rgb(216, 207, 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(216, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 207, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.8248, 63.3018, 62.4387 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(216, 207, 198) }
```


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

```
.border{ border-color:rgb(216, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(216, 207,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8248, 63.3018, 62.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 207, 198) }
```

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

```
.background{ background-color: rgb(216,  
207, 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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