

Converting Colors

XYZ(60.7551, 63.2520, 59.4033)

Have a look what the booklet for
XYZ(60.7551, 63.2520, 59.4033)
contains.

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Color

**XYZ(60.8519, 63.3813,
59.4787)**

Conversions

Conversions Part 1

Format	Color
Hex	DACFC1
RGB	218, 207, 193
RGB Percent	85%, 81%, 76%
CMY	0.1451, 0.1882, 0.2431
CMYK	0.00, 0.05, 0.11, 0.15
HSL	34°, 25%, 81%
HSV	34°, 11%, 85%
XYZ	60.8519, 63.3813, 59.4787
YIQ	208.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

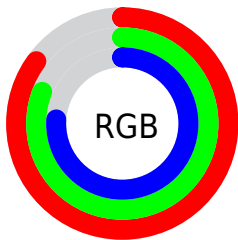
Format	Color
R _Y B	213, 218, 193
Decimal	14340033
CIE Lab	83.64, 1.44, 8.31
CIE LCh	84, 8.430, 80.134
Yxy	63.3813, 0.3312, 0.3450
Android (android.graphics.Color)	4292530113 (0xFFDACFC1)
YUV	208.6930, -7.7366, 8.1622
Hunter-Lab	79.6124, -2.8848, 11.4329

Details

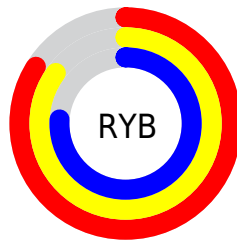
The XYZ color **60.8519, 63.3813, 59.4787** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2400, 59.5841, 74.8670**, and the grayscale version is **60.4495, 63.5976, 69.2578**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.2291, 32.4624, 29.4309** is the 20% darker color. If you saturate the color by 10%, you get **56.3446, 57.9756, 46.8496**, and if you desaturate by 10%, it is **65.8623, 69.2182, 74.0456**.

Distribution



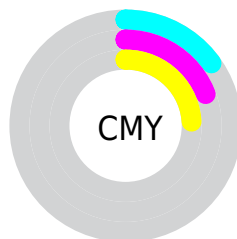
- Red (85%)
- Green (81%)
- Blue (76%)



- Red (84%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8519, 63.3813, 59.4787 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 60.8519, 63.3813, 59.4787 by changing the saturation by 10% instead.

■ 60.8519, 63.3813,
59.4787

■ 60.8519, 63.3813,
59.4787

417.5154,
436.9520, 440.4248

■ 44.3577, 46.1497,
42.5760

■ 105.1638,
109.7194, 105.6090

■ 31.1510, 32.3640,
29.2237

133.7123,
139.5948, 135.6738

■ 20.8662, 21.6397,
19.0031

167.0095,
174.4535, 170.9630

■ 13.1382, 13.5924,
11.4957

205.4209,
214.6801, 211.8952

■ 7.6014, 7.8377,
6.2829

249.3119,
260.6588, 258.8890

■ 3.8906, 3.9913,
2.9463

299.0477,

■ 1.6404, 1.6687,

312.7741, 312.3628

1.0673

354.9937,
371.4104, 372.7352

■ 0.4185, 0.4033,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8519, 63.3813,
59.4787

■ 60.8519, 63.3813,
59.4787

■ 56.3446, 57.9756,
46.8496

■ 65.8623, 69.2182,
74.0456

■ 52.3172, 52.9814,
36.0711

■ 71.3876, 75.4887,
90.6243

■ 48.7519, 48.3899,
27.0554

■ 76.8932, 81.9846,
106.3796

■ 45.6281, 44.1883,
19.7059

■ 79.7250, 87.6480,
107.3236

■ 42.9229, 40.3635,
13.9164

■ 82.7071, 93.6123,
108.3176

■ 40.6114, 36.9008,
9.5685

■ 82.7237, 93.6456,
108.3231

■ 38.6649, 33.7843,
6.5266

■ 37.0501, 30.9956,
4.6284

■ 35.8875, 28.8530,
3.6777

Harmonies

Analogous

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



62.5445, 63.3813, 61.5039



60.8519, 63.3813, 59.4787



59.0293, 63.3813, 59.9059

Triad

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



60.8519, 63.3813, 59.4787



56.9725, 63.3813, 72.5677



63.0059, 63.3813, 75.7304

Complementary

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



60.8519, 63.3813, 59.4787



56.2400, 59.5841, 74.8670

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.



61.4713, 63.3813, 78.9959



60.8519, 63.3813, 59.4787



57.9967, 63.3813, 77.1063

Square

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



60.8519, 63.3813, 59.4787



56.8144, 63.3813, 67.2853



59.6362, 63.3813, 79.5120



63.8048, 63.3813, 70.7669

Rectangle

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



60.8519, 63.3813, 59.4787



57.9844, 63.3813, 61.5321



59.6362, 63.3813, 79.5120



62.5575, 63.3813, 77.0736

Sweetspot

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



60.8536, 63.3841, 59.4801



92.7785, 97.3889, 102.1871



58.9133, 57.4179, 65.2626



19.7309, 20.6979, 21.4977



0.0000, 0.0000, 0.0000



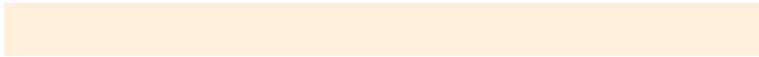
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8536, 63.3841, 59.4801



85.0195, 88.2978, 79.7873



63.2388, 68.7072, 60.3818



13.6580, 14.2554, 13.7573



21.6091, 17.5037, 2.2396



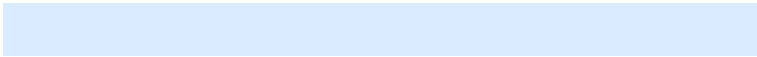
1.4852, 1.3046, 0.1735

Inverse Universe

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



56.2400, 59.5841, 74.8670



77.0627, 81.7446, 106.3244



54.0381, 54.7053, 74.0414



12.8076, 13.5550, 16.5935



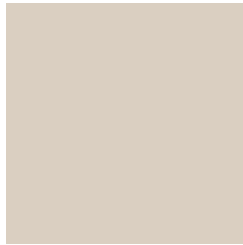
10.1846, 8.2385, 40.7918



0.7447, 0.7035, 2.6710

Previews

White Background



This preview shows how the XYZ color 60.8519, 63.3813, 59.4787 looks on a white background.

Color Contrast Check

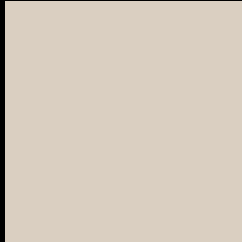
Large Text (above 18pt) WCAG AA × Fail

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 60.8519, 63.3813, 59.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

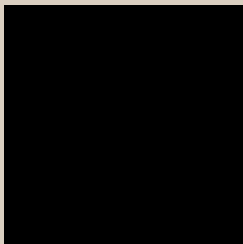
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

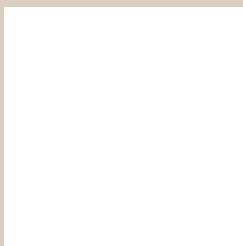
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8519, 63.3813, 59.4787

Background



This preview shows how black text looks on a background with the XYZ color 60.8519, 63.3813, 59.4787.

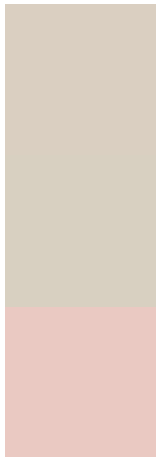


This preview shows how white text looks on a background with the XYZ color 60.8519, 63.3813,

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

60.8519, 63.3813, 59.4787

Protanopia

60.5004, 63.5609, 59.5318

Deuteranopia

64.5559, 63.1608, 59.8277



Tritanopia

64.2663, 63.3559, 75.8596

Trichromacy



Original Color

60.8519, 63.3813, 59.4787

Protanomaly

60.7968, 63.7137, 59.5457

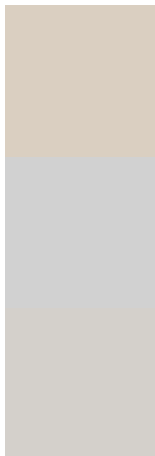
Deuteranomaly

63.0884, 63.1009, 59.8935

Tritanomaly

63.0445, 63.2110, 69.8509

Monochromacy



Original Color

60.8519, 63.3813, 59.4787

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4867, 63.4206, 65.5533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8519, 63.3813, 59.4787 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(218, 207, 193) looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 193)  
}
```

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(218, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 193) }
```

Border

The CSS property to change the border of an element to XYZ 60.8519, 63.3813, 59.4787 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(218, 207, 193) }
```


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

```
.border{ border-color:rgb(218, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8519, 63.3813, 59.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 193) }
```

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

```
.background{ background-color: rgb(218,  
207, 193) }
```

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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