

Converting Colors

XYZ(61.2140, 63.8366, 52.6073)

Have a look what the booklet for
XYZ(61.2140, 63.8366, 52.6073)
contains.

XYZ(61.0847, 63.6498, 52.7822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0847, 63.6498,
52.7822)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCFB5
RGB	223, 207, 181
RGB Percent	87%, 81%, 71%
CMY	0.1255, 0.1882, 0.2902
CMYK	0.00, 0.07, 0.19, 0.13
HSL	37°, 40%, 79%
HSV	37°, 19%, 87%
XYZ	61.0847, 63.6498, 52.7822
YIQ	208.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

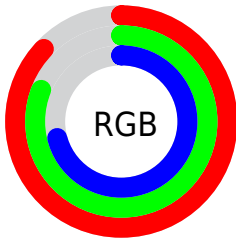
Format	Color
R_{YB}	207, 223, 181
Decimal	14667701
CIE _{Lab}	83.78, 1.39, 14.93
CIE _{LCh}	84, 14.993, 84.689
Yxy	63.6498, 0.3441, 0.3586
Android (android.graphics.Color)	4292857781 (0xFFDFCFB5)
YUV	208.8200, -13.7153, 12.4359
Hunter-Lab	79.7808, -2.9468, 16.6209

Details

The XYZ color **61.0847, 63.6498, 52.7822** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.3413, 55.0827, 77.6857**, and the grayscale version is **60.5668, 63.7210, 69.3922**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **31.4360, 32.6658, 25.0704** is the 20% darker color. If you saturate the color by 10%, you get **56.9752, 58.8039, 41.0127**, and if you desaturate by 10%, it is **65.6746, 68.8693, 66.5203**.

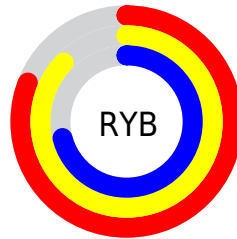
Distribution



Red (87%)

Green (81%)

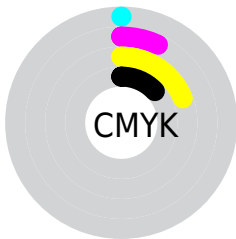
Blue (71%)



Red (81%)

Yellow (87%)

Blue (71%)

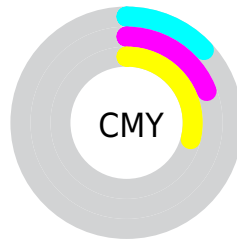


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0847, 63.6498, 52.7822 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 61.0847, 63.6498, 52.7822 by changing the saturation by 10% instead.

■ 61.0847, 63.6498,
52.7822

■ 61.0847, 63.6498,
52.7822

418.3554,
437.9239, 414.4915

■ 44.5463, 46.3671,
37.2424

■ 105.4990,
110.1064, 95.7221

■ 31.3000, 32.5356,
25.0980

134.1056,
140.0492, 123.9593

■ 20.9803, 21.7709,
15.9304

167.4657,
174.9807, 157.2660

■ 13.2220, 13.6887,
9.3211

205.9446,
215.2854, 196.0608

■ 7.6597, 7.9045,
4.8515

249.9077,
261.3476, 240.7622

■ 3.9279, 4.0339,
2.1032

299.7203,

■ 1.6614, 1.6925,

313.5519, 291.7887

0.6177

355.7477,
372.2825, 349.5590

■ 0.4319, 0.4188,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0847, 63.6498,
52.7822

■ 61.0847, 63.6498,
52.7822

■ 56.9752, 58.8039,
41.0127

■ 65.6746, 68.8693,
66.5203

■ 53.3219, 54.3126,
31.1155

■ 70.7577, 74.4638,
82.3089

■ 50.1059, 50.1678,
22.9924

■ 76.3527, 80.4453,
100.2304

■ 47.3048, 46.3576,
16.5344

■ 79.9300, 85.8049,
106.9570

■ 44.8940, 42.8691,
11.6206

■ 82.5026, 90.9501,
107.8145

■ 42.8454, 39.6882,
8.1131

■ 84.2416, 94.4281,
108.3942

■ 41.1263, 36.7986,
5.8494

■ 39.6876, 34.1773,
4.5798

■ 39.5304, 33.8858,
4.4571

Harmonies

Analogous

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



64.2284, 63.6498, 55.5442



61.0847, 63.6498, 52.7822



57.8928, 63.6498, 54.1097

Triad

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



61.0847, 63.6498, 52.7822



54.9289, 63.6498, 77.1513



65.8084, 63.6498, 80.3136

Complementary

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



61.0847, 63.6498, 52.7822



52.3413, 55.0827, 77.6857

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.



63.1786, 63.6498, 87.1052



61.0847, 63.6498, 52.7822



56.9134, 63.6498, 85.1666

Square

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



61.0847, 63.6498, 52.7822



54.4136, 63.6498, 67.6402



59.9135, 63.6498, 88.9567



67.0182, 63.6498, 70.9944

Rectangle

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



61.0847, 63.6498, 52.7822



56.1560, 63.6498, 57.2036



59.9135, 63.6498, 88.9567



65.0567, 63.6498, 83.0003

Sweetspot

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



61.0864, 63.6526, 52.7835



90.8528, 95.3919, 95.8286



57.0454, 52.7723, 60.0636



19.3517, 20.3129, 20.2201



0.0000, 0.0000, 0.0000



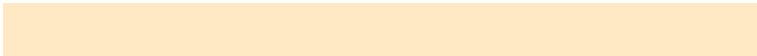
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0864, 63.6526, 52.7835



80.2875, 83.3490, 64.2900



63.6720, 71.0328, 54.0718



14.4104, 15.1068, 14.4632



23.3555, 20.1489, 2.6582



1.7045, 1.5678, 0.2128

Inverse Universe

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



52.3413, 55.0827, 77.6857



66.1559, 69.5023, 104.5362



50.0693, 48.8029, 76.5933



13.3778, 14.0946, 17.4031



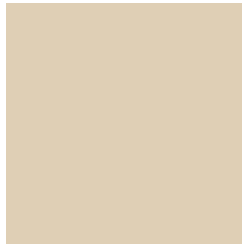
9.8392, 7.1480, 41.9095



0.7665, 0.6645, 2.9331

Previews

White Background



This preview shows how the XYZ color 61.0847, 63.6498, 52.7822 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 61.0847, 63.6498, 52.7822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

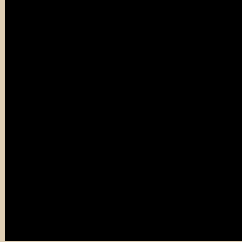
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0847, 63.6498, 52.7822

Background



This preview shows how black text looks on a background with the XYZ color 61.0847, 63.6498, 52.7822.



This preview shows how white text looks on a background with the XYZ color 61.0847, 63.6498,

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

61.0847, 63.6498, 52.7822

Protanopia

60.2128, 63.5492, 53.3486

Deuteranopia

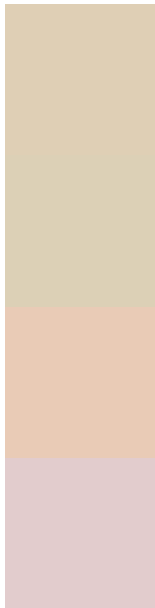
64.9267, 63.5014, 53.0910



Tritanopia

65.7703, 63.7970, 75.1772

Trichromacy



Original Color

61.0847, 63.6498, 52.7822

Protanomaly

60.5146, 63.7048, 53.3628

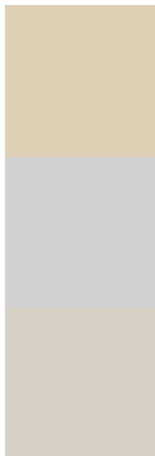
Deuteranomaly

63.4037, 63.4129, 53.1541

Tritanomaly

63.9763, 63.7623, 66.6930

Monochromacy



Original Color

61.0847, 63.6498, 52.7822

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5962, 63.5314, 63.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0847, 63.6498, 52.7822 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(223, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 181)  
}
```

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(223, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 181) }
```

Border

The CSS property to change the border of an element to XYZ 61.0847, 63.6498, 52.7822 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(223, 207, 181) }
```


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

```
.border{ border-color:rgb(223, 207, 181) }
```

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

Here you see how a box with a 4 pixel rgb(223, 207, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0847, 63.6498, 52.7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 181) }
```

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

```
.background{ background-color: rgb(223,  
207, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor