

Converting Colors

XYZ(61.3822, 63.6390, 55.0639)

Have a look what the booklet for
XYZ(61.3822, 63.6390, 55.0639)
contains.

XYZ(61.5012, 63.8164, 54.9753)	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(61.5012, 63.8164,
54.9753)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCFB9
RGB	223, 207, 185
RGB Percent	87%, 81%, 73%
CMY	0.1255, 0.1882, 0.2745
CMYK	0.00, 0.07, 0.17, 0.13
HSL	35°, 37%, 80%
HSV	35°, 17%, 87%
XYZ	61.5012, 63.8164, 54.9753
YIQ	209.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

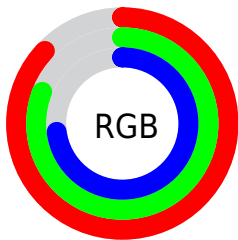
Format	Color
R _Y B	213, 223, 185
Decimal	14667705
CIE Lab	83.87, 1.99, 12.93
CIE LCh	84, 13.085, 81.247
Yxy	63.8164, 0.3411, 0.3540
Android (android.graphics.Color)	4292857785 (0xFFDFCFB9)
YUV	209.2760, -11.9681, 12.0359
Hunter-Lab	79.8852, -2.3772, 15.1175

Details

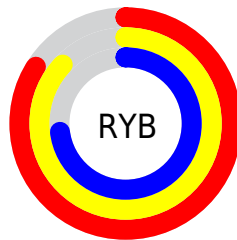
The XYZ color **61.5012, 63.8164, 54.9753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2133, 57.4140, 78.0372**, and the grayscale version is **60.8541, 64.0232, 69.7213**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **31.7045, 32.7732, 26.4847** is the 20% darker color. If you saturate the color by 10%, you get **57.1228, 58.5358, 42.7981**, and if you desaturate by 10%, it is **66.3876, 69.5209, 69.1449**.

Distribution



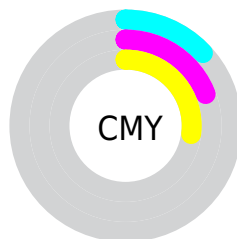
- Red (87%)
- Green (81%)
- Blue (73%)



- Red (84%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (13%)




- Cyan (13%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5012, 63.8164, 54.9753 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 61.5012, 63.8164, 54.9753 by changing the saturation by 10% instead.


 61.5012, 63.8164,
54.9753

 61.5012, 63.8164,
54.9753


419.8559,
438.5263, 423.0976

 44.8839, 46.5020,
38.9835


 106.0983,
110.3465, 98.9756

 31.5668, 32.6421,
26.4391


134.8088,
140.3309, 127.8211

 21.1848, 21.8524,
16.9237

168.2810,
175.3075, 161.7882

 13.3724, 13.7485,
10.0188

206.8804,
215.6606, 201.2956

 7.7642, 7.9460,
5.3056

250.9722,
261.7747, 246.7616

 3.9950, 4.0604,
2.3658

300.9218,

 1.6993, 1.7074,

314.0341, 298.6050

0.7677

357.0946,
372.8231, 357.2441

■ 0.4558, 0.4284,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5012, 63.8164,
54.9753

■ 61.5012, 63.8164,
54.9753

■ 57.1228, 58.5358,
42.7981

■ 66.3876, 69.5209,
69.1449

■ 53.2277, 53.6589,
32.5183

■ 71.7951, 75.6517,
85.3883

■ 49.7967, 49.1765,
24.0386

■ 77.7427, 82.2220,
103.7869

■ 46.8071, 45.0756,
17.2519

■ 80.9990, 87.9428,
107.3133

■ 44.2340, 41.3420,
12.0393

■ 83.9044, 93.7536,
108.2818

■ 42.0494, 37.9605,
8.2662

■ 84.2416, 94.4281,
108.3942

■ 40.2209, 34.9138,
5.7752

■ 38.7069, 32.1807,
4.3610

■ 38.2992, 31.4233,
4.0467

Harmonies

Analogous

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



64.1842, 63.8164, 57.8494



61.5012, 63.8164, 54.9753



58.6732, 63.8164, 55.7421

Triad

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



61.5012, 63.8164, 54.9753



55.6450, 63.8164, 75.3853



65.0721, 63.8164, 79.8802

Complementary

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



61.5012, 63.8164, 54.9753



54.2133, 57.4140, 78.0372

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.



62.6822, 63.8164, 85.3197



61.5012, 63.8164, 54.9753



57.2587, 63.8164, 82.5853

Square

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



61.5012, 63.8164, 54.9753



55.3514, 63.8164, 67.1023



59.8177, 63.8164, 86.3469



66.2882, 63.8164, 71.9238

Rectangle

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



61.5012, 63.8164, 54.9753



57.0814, 63.8164, 58.2424



59.8177, 63.8164, 86.3469



64.3759, 63.8164, 82.0891

Sweetspot

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



61.5029, 63.8192, 54.9767



91.3763, 95.8292, 97.8822



58.3787, 54.6258, 63.0143



19.4509, 20.3885, 20.6318



0.0000, 0.0000, 0.0000



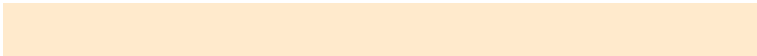
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5029, 63.8192, 54.9767



81.4289, 84.1993, 69.0871



64.8019, 71.5672, 56.2983



14.3631, 15.0122, 14.4474



22.6334, 18.7047, 2.4175



1.6568, 1.4725, 0.1969

Inverse Universe

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



54.2133, 57.4140, 78.0372



70.0037, 74.1611, 105.2327



51.2933, 50.6588, 76.8872



13.4238, 14.1868, 17.4185



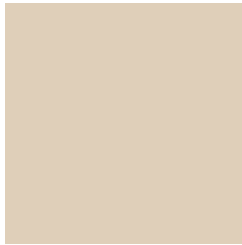
10.2846, 8.0387, 42.0579



0.8000, 0.7315, 2.9443

Previews

White Background



This preview shows how the XYZ color 61.5012, 63.8164, 54.9753 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 61.5012, 63.8164, 54.9753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

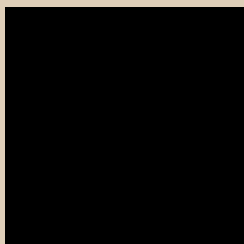
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

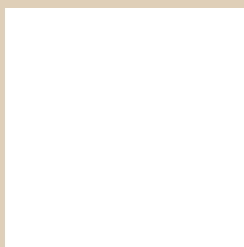
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5012, 63.8164, 54.9753

Background



This preview shows how black text looks on a background with the XYZ color 61.5012, 63.8164, 54.9753.



This preview shows how white text looks on a background with the XYZ color 61.5012, 63.8164,

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

61.5012, 63.8164, 54.9753

Protanopia

60.5768, 64.0515, 55.6248

Deuteranopia

65.2434, 63.9634, 55.3618



Tritanopia

65.4540, 63.6339, 75.1624

Trichromacy



Original Color

61.5012, 63.8164, 54.9753

Protanomaly

60.9340, 63.8726, 55.5714

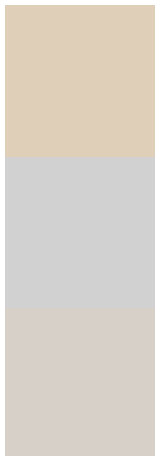
Deuteranomaly

64.0601, 64.0545, 55.4418

Tritanomaly

64.0975, 63.8107, 67.3309

Monochromacy



Original Color

61.5012, 63.8164, 54.9753

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7128, 63.5780, 63.7155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5012, 63.8164, 54.9753 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 185) }
```

Border

The CSS property to change the border of an element to XYZ 61.5012, 63.8164, 54.9753 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, 185) }
```


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

```
.border{ border-color:rgb(223, 207, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 207, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 207, 185); box-shadow:4px 4px 4px 4px rgb(223, 207, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5012, 63.8164, 54.9753 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, 185) }
```

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

```
.background{ background-color: rgb(223,  
207, 185) }
```

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