

Converting Colors

XYZ(60.3433, 63.5100, 57.7833)

Have a look what the booklet for
XYZ(60.3433, 63.5100, 57.7833)
contains.

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Color

**XYZ(60.4654, 63.5812,
57.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D0BE
RGB	217, 208, 190
RGB Percent	85%, 82%, 75%
CMY	0.1490, 0.1843, 0.2549
CMYK	0.00, 0.04, 0.12, 0.15
HSL	40°, 26%, 80%
HSV	40°, 12%, 85%
XYZ	60.4654, 63.5812, 57.8007
YIQ	208.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

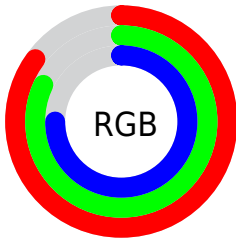
Format	Color
R_{YB}	204, 217, 190
Decimal	14274750
CIE _{Lab}	83.75, 0.08, 10.04
CIE _{LCh}	84, 10.038, 89.548
Yxy	63.5812, 0.3325, 0.3496
Android (android.graphics.Color)	4292464830 (0xFFD9D0BE)
YUV	208.6390, -9.1890, 7.3326
Hunter-Lab	79.7378, -4.1842, 12.8381

Details

The XYZ color **60.4654, 63.5812, 57.8007** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1828, 56.8025, 73.7544**, and the grayscale version is **60.4235, 63.5702, 69.2280**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **30.9712, 32.5987, 28.3267** is the 20% darker color. If you saturate the color by 10%, you get **56.5459, 59.2590, 45.6510**, and if you desaturate by 10%, it is **64.8219, 68.2110, 71.8398**.

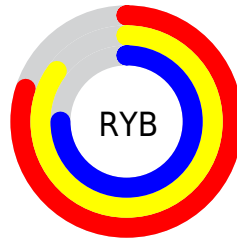
Distribution



Red (85%)

Green (82%)

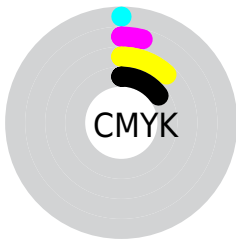
Blue (75%)



Red (80%)

Yellow (85%)

Blue (75%)

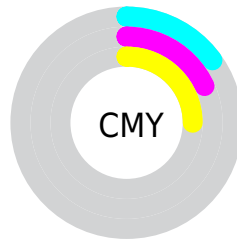


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4654, 63.5812, 57.8007 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 60.4654, 63.5812, 57.8007 by changing the saturation by 10% instead.


 60.4654, 63.5812,
57.8007

 60.4654, 63.5812,
57.8007


416.1184,
437.6757, 434.0204

 44.0448, 46.3116,
41.2348


 104.6070,
110.0076, 103.1445

 30.9038, 32.4917,
28.1815


133.0587,
139.9331, 132.7595

 20.6770, 21.7374,
18.2223


166.2514,
174.8460, 167.5612

 12.9993, 13.6641,
10.9386

204.5506,
215.1308, 207.9682

 7.5050, 7.8874,
5.9119

248.3215,
261.1717, 254.3992

 3.8290, 4.0230,
2.7237

297.9295,

 1.6059, 1.6864,

313.3533, 307.2724

0.9553

353.7400,
372.0598, 367.0067

■ 0.3962, 0.4148,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4654, 63.5812,
57.8007

■ 60.4654, 63.5812,
57.8007

■ 56.5459, 59.2590,
45.6510

■ 64.8219, 68.2110,
71.8398

■ 53.0416, 55.2276,
35.3045

■ 69.6259, 73.1480,
87.8413

■ 49.9364, 51.4811,
26.6739

■ 74.8775, 78.3958,
105.7932

■ 47.2112, 48.0099,
19.6635

■ 76.9279, 82.4966,
106.4766

■ 44.8448, 44.8039,
14.1679

■ 79.0627, 86.7662,
107.1882

■ 42.8137, 41.8517,
10.0691

■ 81.2829, 91.2065,
107.9283

■ 41.0912, 39.1408,
7.2315

■ 82.4255, 93.4918,
108.3092

■ 39.6451, 36.6565,
5.4920

■ 38.6955, 34.9119,
4.6992

Harmonies

Analogous

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



62.6028, 63.5812, 59.2958



60.4654, 63.5812, 57.8007



58.3685, 63.5812, 59.2096

Triad

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



60.4654, 63.5812, 57.8007



56.8240, 63.5812, 75.3812



64.1549, 63.5812, 75.5565

Complementary

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



60.4654, 63.5812, 57.8007



54.1828, 56.8025, 73.7544

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.



62.5436, 63.5812, 80.3196



60.4654, 63.5812, 57.8007



58.3120, 63.5812, 80.2141

Square

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



60.4654, 63.5812, 57.8007



56.2974, 63.5812, 69.1336



60.3987, 63.5812, 82.0726



64.7643, 63.5812, 69.3247

Rectangle

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



60.4654, 63.5812, 57.8007



57.2679, 63.5812, 61.6580



60.3987, 63.5812, 82.0726



63.7106, 63.5812, 77.3959

Sweetspot

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



60.4671, 63.5840, 57.8021



92.3763, 97.2112, 100.1211



57.3382, 55.7030, 61.7633



19.6672, 20.6967, 21.0877



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.



60.4671, 63.5840, 57.8021



85.5603, 89.9137, 78.3208



61.4035, 67.4155, 58.4923



13.7777, 14.4948, 13.7972



23.5248, 21.3352, 2.8782



1.6020, 1.5381, 0.2125

Inverse Universe

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



54.1828, 56.8025, 73.7544



74.7471, 78.2457, 105.7711



53.3153, 53.3732, 73.1382



12.6914, 13.3225, 16.5547



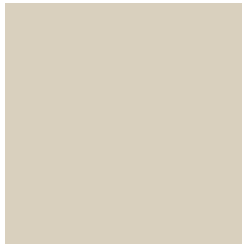
9.0832, 6.0358, 40.4247



0.6662, 0.5464, 2.6448

Previews

White Background



This preview shows how the XYZ color 60.4654, 63.5812, 57.8007 looks on a white background.

Color Contrast Check

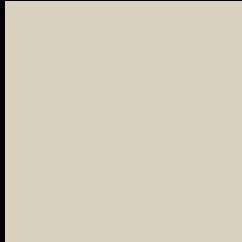
Large Text (above 18pt) WCAG AA × Fail

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 60.4654, 63.5812, 57.8007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

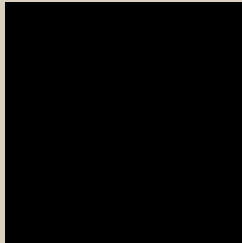
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

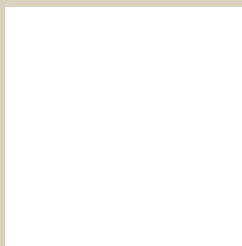
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4654, 63.5812, 57.8007

Background



This preview shows how black text looks on a background with the XYZ color 60.4654, 63.5812, 57.8007.

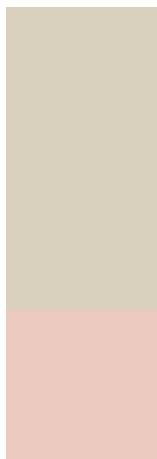


This preview shows how white text looks on a background with the XYZ color 60.4654, 63.5812,

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

60.4654, 63.5812, 57.8007

Protanopia

60.4654, 63.5812, 57.8007

Deuteranopia

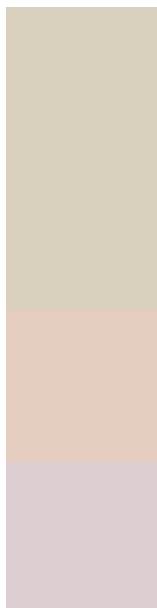
64.5516, 63.1970, 58.0862



Tritanopia

64.3299, 63.7252, 76.6198

Trichromacy



Original Color

60.4654, 63.5812, 57.8007

Protanomaly

60.4654, 63.5812, 57.8007

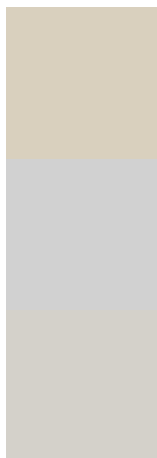
Deuteranomaly

62.9917, 63.4413, 58.2156

Tritanomaly

62.8551, 63.4817, 69.2620

Monochromacy



Original Color

60.4654, 63.5812, 57.8007

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6125, 63.8622, 65.0091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4654, 63.5812, 57.8007 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, 208, 190) looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 190)  
}
```

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, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.4654, 63.5812, 57.8007 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, 208, 190) }
```


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

```
.border{ border-color:rgb(217, 208, 190) }
```

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

Here you see how a box with a 4 pixel rgb(217, 208, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4654, 63.5812, 57.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 190) }
```

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

```
.background{ background-color: rgb(217,  
208, 190) }
```

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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