

Converting Colors

XYZ(60.6049, 64.0658, 40.6827)

Have a look what the booklet for
XYZ(60.6049, 64.0658, 40.6827)
contains.

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Color

**XYZ(60.5515, 64.0060,
40.6155)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D09C
RGB	228, 208, 156
RGB Percent	89%, 82%, 61%
CMY	0.1059, 0.1843, 0.3882
CMYK	0.00, 0.09, 0.32, 0.11
HSL	43°, 57%, 75%
HSV	43°, 32%, 89%
XYZ	60.5515, 64.0060, 40.6155
YIQ	208.0520, 28.6120, -11.9320

Conversions

Conversions Part 2

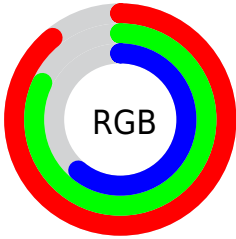
Format	Color
RYB	184, 228, 156
Decimal	14995612
CIELab	83.97, -0.67, 28.39
CIELCh	84, 28.397, 91.356
Yxy	64.0060, 0.3666, 0.3875
Android (android.graphics.Color)	4293185692 (0xFFE4D09C)
YUV	208.0520, -25.6616, 17.4944
Hunter-Lab	80.0037, -4.9074, 25.9029

Details

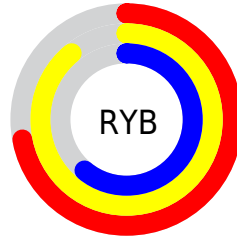
The XYZ color **60.5515, 64.0060, 40.6155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.2389, 43.7188, 79.5585**, and the grayscale version is **60.1375, 63.2693, 68.9002**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **31.0675, 32.8813, 17.8060** is the 20% darker color. If you saturate the color by 10%, you get **57.2867, 60.2813, 30.8797**, and if you desaturate by 10%, it is **64.2437, 68.0048, 52.2831**.

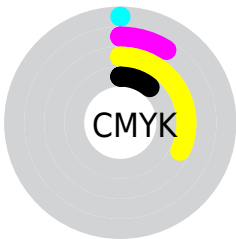
Distribution



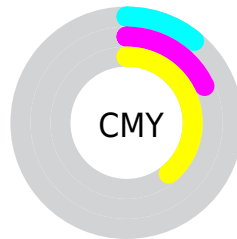
- Red (89%)
- Green (82%)
- Blue (61%)



- Red (72%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5515, 64.0060, 40.6155 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 60.5515, 64.0060, 40.6155 by changing the saturation by 10% instead.


 60.5515, 64.0060,
40.6155


 60.5515, 64.0060,
40.6155


416.4298,
439.2113, 364.3400

 44.1145, 46.6555,
27.7013


 104.7311,
110.6196, 77.3472

 30.9588, 32.7634,
17.8636

 133.2043,
140.6515, 102.0018

 20.7192, 21.9453,
10.6837


166.4204,
175.6793, 131.4069

 13.0302, 13.8167,
5.7431

204.7446,
216.0875, 165.9812

 7.5265, 7.9933,
2.6232

248.5422,
262.2604, 206.1431

 3.8427, 4.0907,
0.9044

298.1788,

 1.6135, 1.7244,

314.5824, 252.3111

0.0000

354.0195,
373.4379, 304.9039

■ 0.4012, 0.4394,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5515, 64.0060,
40.6155

■ 60.5515, 64.0060,
40.6155

■ 57.2867, 60.2813,
30.8797

■ 64.2437, 68.0048,
52.2831

■ 54.4233, 56.8124,
22.9643


■ 68.3777, 72.2778,
65.9775


■ 51.9398, 53.5918,
16.7530


■ 72.9734, 76.8363,
81.7920

■ 49.8107, 50.6080,
12.1140


■ 78.0478, 81.6882,
99.8130


 48.0064, 47.8482,
8.8961


 81.1063, 85.8367,
106.9011

 46.4919, 45.2970,
6.9180

 82.9995, 89.6231,
107.5322

 45.3930, 43.2901,
5.9634

 84.9583, 93.5408,
108.1851

 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



66.7854, 64.0060, 43.6213



60.5515, 64.0060, 40.6155



54.7892, 64.0060, 44.2207

Triad

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



60.5515, 64.0060, 40.6155



51.1319, 64.0060, 89.1969



72.0138, 64.0060, 87.5423

Complementary

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



60.5515, 64.0060, 40.6155



43.2389, 43.7188, 79.5585

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.



67.3116, 64.0060, 103.4398



60.5515, 64.0060, 40.6155



55.2504, 64.0060, 104.5044

Square

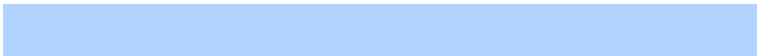
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5515, 64.0060, 40.6155



49.5862, 64.0060, 70.5103



61.1210, 64.0060, 110.1120



73.6697, 64.0060, 68.8794

Rectangle

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



60.5515, 64.0060, 40.6155



51.9168, 64.0060, 50.3180



61.1210, 64.0060, 110.1120



70.7218, 64.0060, 93.4916

Sweetspot

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



60.5531, 64.0089, 40.6168



89.5730, 94.6098, 89.9217



51.7600, 43.4221, 46.9361



18.9928, 20.0700, 18.6362



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.



60.5531, 64.0089, 40.6168



75.1884, 79.2686, 43.7304



61.0113, 71.9439, 42.1243



15.2455, 16.1049, 15.2095



26.3160, 25.2062, 3.4783



2.0217, 2.0168, 0.2827

Inverse Universe

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



43.2389, 43.7188, 79.5585



49.5212, 49.2012, 101.4945



42.8183, 38.1047, 78.4970



13.9070, 14.5354, 18.2170



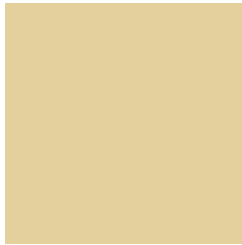
9.2085, 5.4791, 42.9554



0.7568, 0.5575, 3.1997

Previews

White Background



This preview shows how the XYZ color 60.5515, 64.0060, 40.6155 looks on a white background.

Color Contrast Check

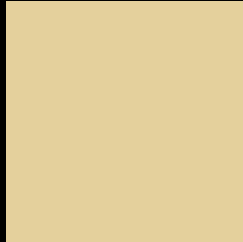
Large Text (above 18pt) WCAG AA × Fail

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 60.5515, 64.0060, 40.6155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

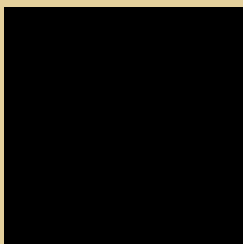
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

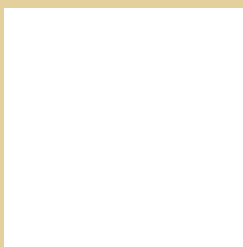
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5515, 64.0060, 40.6155

Background



This preview shows how black text looks on a background with the XYZ color 60.5515, 64.0060, 40.6155.



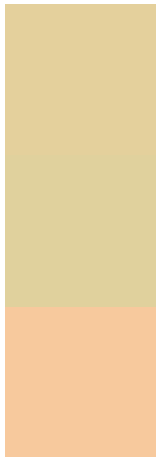
This preview shows how white text looks on a background with the XYZ color 60.5515, 64.0060,

40.6155.

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

60.5515, 64.0060, 40.6155

Protanopia

59.6267, 63.8825, 41.0862

Deuteranopia

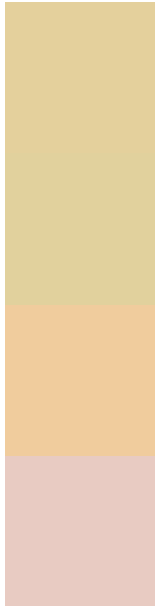
65.3302, 63.9818, 40.8047



Tritanopia

67.3099, 63.9286, 73.7576

Trichromacy



Original Color

60.5515, 64.0060, 40.6155

Protanomaly

59.9376, 64.0428, 41.1007

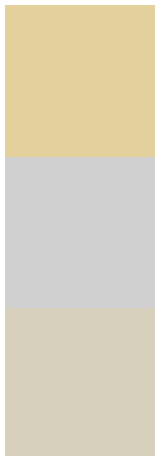
Deuteranomaly

63.6138, 64.1453, 40.9268

Tritanomaly

64.3723, 63.7627, 59.9536

Monochromacy



Original Color

60.5515, 64.0060, 40.6155

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7655, 63.2329, 57.1993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5515, 64.0060, 40.6155 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(228, 208, 156)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 156)  
}
```

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(228, 208, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 156) }
```

Border

The CSS property to change the border of an element to XYZ 60.5515, 64.0060, 40.6155 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(228, 208, 156) }
```


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

```
.border{ border-color:rgb(228, 208, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 208, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 156);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5515, 64.0060, 40.6155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 156) }
```

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

```
.background{ background-color: rgb(228,  
208, 156) }
```

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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