

Converting Colors

XYZ(60.8082, 63.8580, 45.4753)

Have a look what the booklet for
XYZ(60.8082, 63.8580, 45.4753)
contains.

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Color

**XYZ(60.8950, 64.0705,
45.7166)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D0A7
RGB	226, 208, 167
RGB Percent	89%, 82%, 65%
CMY	0.1137, 0.1843, 0.3451
CMYK	0.00, 0.08, 0.26, 0.11
HSL	42°, 50%, 77%
HSV	42°, 26%, 89%
XYZ	60.8950, 64.0705, 45.7166
YIQ	208.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

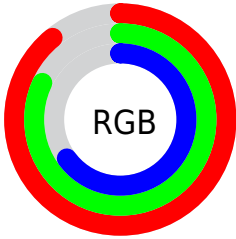
Format	Color
R_{YB}	193, 226, 167
Decimal	14864551
CIE _{Lab}	84.00, -0.00, 22.66
CIE _{LCh}	84, 22.656, 90.012
Yxy	64.0705, 0.3568, 0.3754
Android (android.graphics.Color)	4293054631 (0xFFE2D0A7)
YUV	208.7080, -20.5620, 15.1651
Hunter-Lab	80.0441, -4.2799, 22.1678

Details

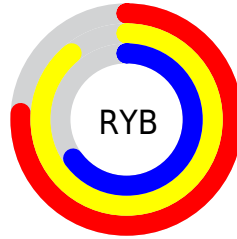
The XYZ color **60.8950, 64.0705, 45.7166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0126, 48.4033, 78.8168**, and the grayscale version is **60.5343, 63.6868, 69.3549**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **31.2277, 32.8951, 20.9232** is the 20% darker color. If you saturate the color by 10%, you get **57.3419, 60.0205, 35.1097**, and if you desaturate by 10%, it is **64.8897, 68.4185, 58.2734**.

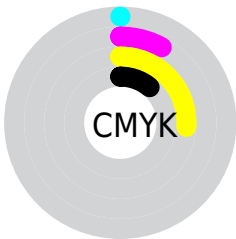
Distribution



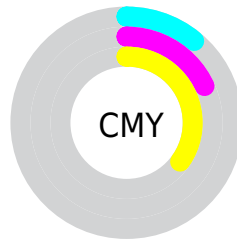
- Red (89%)
- Green (82%)
- Blue (65%)



- Red (76%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8950, 64.0705, 45.7166 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 60.8950, 64.0705, 45.7166 by changing the saturation by 10% instead.

60.8950, 64.0705,
45.7166

60.8950, 64.0705,
45.7166

417.6710,
439.4442, 385.9125

44.3927, 46.7078,
31.6752

105.2259,
110.7125, 85.1245

31.1785, 32.8047,
20.8508

133.7851,
140.7605, 111.3281

20.8873, 21.9769,
12.8248

167.0940,
175.8057, 142.4228

13.1537, 13.8399,
7.1787

205.5179,
216.2326, 178.8273

7.6122, 8.0094,
3.4940

249.4222,
262.4255, 220.9599

3.8975, 4.1010,
1.3521

299.1723,

1.6443, 1.7302,

314.7688, 269.2393

0.1039

355.1334,
373.6469, 324.0840

■ 0.4210, 0.4431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8950, 64.0705,
45.7166

■ 60.8950, 64.0705,
45.7166

■ 57.3419, 60.0205,
35.1097

■ 64.8897, 68.4185,
58.2734

■ 54.2054, 56.2503,
26.3485

■ 69.3394, 73.0646,
72.8693

■ 51.4656, 52.7527,
19.3248

■ 74.2633, 78.0201,
89.5927

■ 49.0985, 49.5166,
13.9176

■ 79.2884, 83.1372,
106.4759

47.0774, 46.5298,
9.9901

81.3068, 87.1741,
107.1487

45.3709, 43.7780,
7.3829

83.4027, 91.3658,
107.8473

43.9405, 41.2443,
5.8978

85.1742, 94.9088,
108.4378

43.4328, 40.3061,
5.4907

Harmonies

Analogous

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



65.8237, 64.0705, 48.5507



60.8950, 64.0705, 45.7166



56.2192, 64.0705, 48.5554

Triad

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



60.8950, 64.0705, 45.7166



52.9549, 64.0705, 84.4413



69.5985, 64.0705, 84.4295

Complementary

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



60.8950, 64.0705, 45.7166



47.0126, 48.4033, 78.8168

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.



65.8275, 64.0705, 96.3875



60.8950, 64.0705, 45.7166



56.2227, 64.0705, 96.3949

Square

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



60.8950, 64.0705, 45.7166



51.7905, 64.0705, 69.7679



60.8992, 64.0705, 101.0345



71.0131, 64.0705, 69.7559

Rectangle

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



60.8950, 64.0705, 45.7166



53.8322, 64.0705, 53.5397



60.8992, 64.0705, 101.0345



68.5546, 64.0705, 88.9687

Sweetspot

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



60.8967, 64.0734, 45.7179



89.9847, 94.8492, 91.8596



54.0127, 47.3387, 52.5694



19.0662, 20.1006, 19.0192



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.



60.8967, 64.0734, 45.7179



77.6164, 81.4825, 52.6852



62.2502, 71.6581, 47.1106



14.5005, 15.2870, 14.4932



24.8877, 23.2132, 3.1689



1.8030, 1.7648, 0.2456

Inverse Universe

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



47.0126, 48.4033, 78.8168



56.6115, 57.7810, 102.7768



45.8650, 42.5726, 77.7519



13.2913, 13.9216, 17.3743



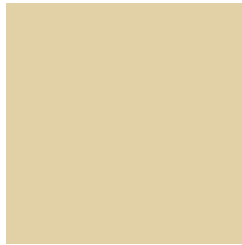
9.1352, 5.7400, 41.6748



0.7105, 0.5525, 2.9144

Previews

White Background



This preview shows how the XYZ color 60.8950, 64.0705, 45.7166 looks on a white background.

Color Contrast Check

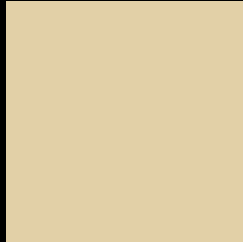
Large Text (above 18pt) WCAG AA × Fail

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 60.8950, 64.0705, 45.7166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

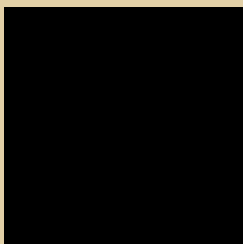
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

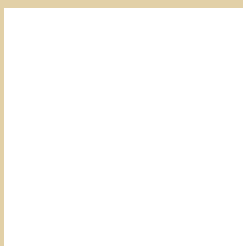
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8950, 64.0705, 45.7166

Background



This preview shows how black text looks on a background with the XYZ color 60.8950, 64.0705, 45.7166.



This preview shows how white text looks on a background with the XYZ color 60.8950, 64.0705,

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

60.8950, 64.0705, 45.7166

Protanopia

60.2998, 64.1161, 46.2433

Deuteranopia

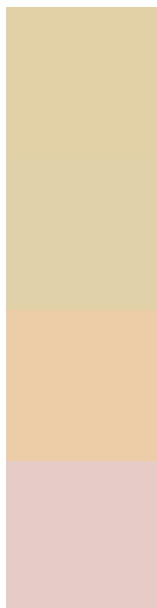
65.2628, 63.8335, 45.9272



Tritanopia

66.6897, 63.9388, 74.4721

Trichromacy



Original Color

60.8950, 64.0705, 45.7166

Protanomaly

60.6088, 64.2754, 46.2577

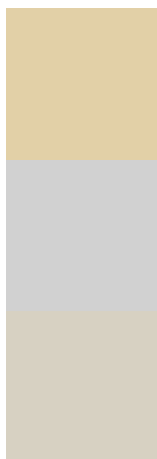
Deuteranomaly

63.5858, 64.0174, 46.0511

Tritanomaly

64.5348, 64.1322, 63.0102

Monochromacy



Original Color

60.8950, 64.0705, 45.7166

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5624, 63.9430, 60.1892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8950, 64.0705, 45.7166 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(226, 208, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 167)  
}
```

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(226, 208, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 167) }
```

Border

The CSS property to change the border of an element to XYZ 60.8950, 64.0705, 45.7166 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(226, 208, 167) }
```


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

```
.border{ border-color:rgb(226, 208, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 208, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 208, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 208, 167); box-shadow:4px 4px 4px 4px rgb(226, 208, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8950, 64.0705, 45.7166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 167) }
```

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

```
.background{ background-color: rgb(226,  
208, 167) }
```

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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