

Converting Colors

XYZ(63.1457, 66.5510, 52.6975)

Have a look what the booklet for
XYZ(63.1457, 66.5510, 52.6975)
contains.

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Color

**XYZ(63.1457, 66.5510,
52.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D4B4
RGB	226, 212, 180
RGB Percent	89%, 83%, 71%
CMY	0.1137, 0.1686, 0.2941
CMYK	0.00, 0.06, 0.20, 0.11
HSL	42°, 44%, 80%
HSV	42°, 20%, 89%
XYZ	63.1457, 66.5510, 52.6975
YIQ	212.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

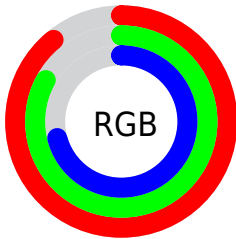
Format	Color
R _Y B	200, 226, 180
Decimal	14865588
CIE Lab	85.28, -0.25, 17.59
CIE LCh	85, 17.590, 90.817
Yxy	66.5510, 0.3462, 0.3649
Android (android.graphics.Color)	4293055668 (0xFFE2D4B4)
YUV	212.5380, -16.0412, 11.8062
Hunter-Lab	81.5788, -4.5958, 18.8056

Details

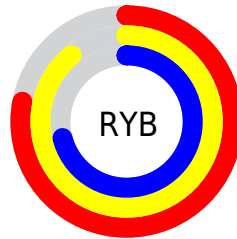
The XYZ color **63.1457, 66.5510, 52.6975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8413, 53.7765, 79.5994**, and the grayscale version is **63.0338, 66.3164, 72.2186**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **32.4653, 34.1923, 24.9673** is the 20% darker color. If you saturate the color by 10%, you get **59.3467, 62.3416, 40.9836**, and if you desaturate by 10%, it is **67.3969, 71.0629, 66.4157**.

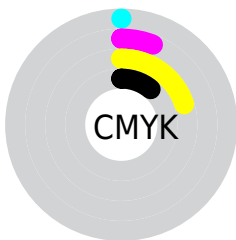
Distribution



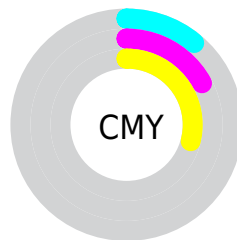
- Red (89%)
- Green (83%)
- Blue (71%)



- Red (78%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1457, 66.5510, 52.6975 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 63.1457, 66.5510, 52.6975 by changing the saturation by 10% instead.

■ 63.1457, 66.5510,
52.6975

■ 63.1457, 66.5510,
52.6975

425.7493,
448.3449, 414.1568

■ 46.2182, 48.7198,
37.1753

■ 108.4603,
114.2768, 95.5961

■ 32.6234, 34.3973,
25.0464

137.5781,
144.9402, 123.8096

■ 21.9959, 23.1990,
15.8923

171.4901,
180.6499, 157.0906

■ 13.9705, 14.7405,
9.2944

210.5615,
221.7901, 195.8576

■ 8.1817, 8.6375,
4.8343

255.1578,
268.7453, 240.5292

■ 4.2642, 4.5055,
2.0933

305.6443,

■ 1.8527, 1.9601,

321.8999, 291.5239

0.6118

362.3864,
381.6383, 349.2602

■ 0.5491, 0.5842,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1457, 66.5510,
52.6975

■ 63.1457, 66.5510,
52.6975

■ 59.3467, 62.3416,
40.9836

■ 67.3969, 71.0629,
66.4157

■ 55.9755, 58.4168,
31.1739

■ 72.1128, 75.8770,
82.2236

■ 53.0134, 54.7699,
23.1657

■ 77.3119, 81.0043,
100.2065

■ 50.4377, 51.3902,
16.8451

■ 80.4300, 85.4204,
106.8564

■ 48.2234, 48.2663,
12.0851

■ 82.4872, 89.5349,
107.5422

■ 46.3422, 45.3853,
8.7404

■ 84.6219, 93.8043,
108.2537

■ 44.7601, 42.7320,
6.6380

■ 85.1742, 94.9088,
108.4378

■ 43.4620, 40.3646,
5.5004

Harmonies

Analogous

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



67.0568, 66.5510, 54.9756



63.1457, 66.5510, 52.6975



59.4177, 66.5510, 55.2359

Triad

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



63.1457, 66.5510, 52.6975



56.9125, 66.5510, 84.2706



70.1683, 66.5510, 83.6736

Complementary

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



63.1457, 66.5510, 52.6975



51.8413, 53.7765, 79.5994

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.



67.2535, 66.5510, 92.9436



63.1457, 66.5510, 52.6975



59.5991, 66.5510, 93.3129

Square

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



63.1457, 66.5510, 52.6975



55.9129, 66.5510, 72.7756



63.3639, 66.5510, 96.6391



71.2126, 66.5510, 72.1507

Rectangle

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



63.1457, 66.5510, 52.6975



57.5108, 66.5510, 59.4890



63.3639, 66.5510, 96.6391



69.3689, 66.5510, 87.1976

Sweetspot

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



63.1475, 66.5540, 52.6989



91.2166, 96.1193, 95.9499



57.4873, 52.7326, 58.5225



19.4377, 20.4850, 20.2488



0.0000, 0.0000, 0.0000



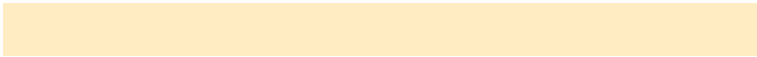
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1475, 66.5540, 52.6989



81.0602, 85.3562, 63.1243



64.2191, 72.5271, 53.7954



14.5014, 15.2888, 14.4935



24.9042, 23.2463, 3.1744



1.8040, 1.7669, 0.2460

Inverse Universe

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



51.8413, 53.7765, 79.5994



63.8954, 65.9599, 103.9716



50.8955, 48.8809, 78.7043



13.2904, 13.9199, 17.3740



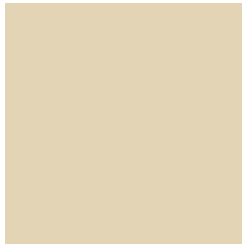
9.1290, 5.7275, 41.6727



0.7100, 0.5515, 2.9143

Previews

White Background



This preview shows how the XYZ color 63.1457, 66.5510, 52.6975 looks on a white background.

Color Contrast Check

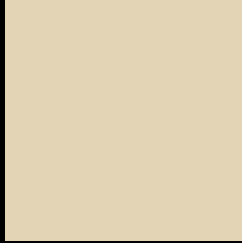
Large Text (above 18pt) WCAG AA × Fail

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 63.1457, 66.5510, 52.6975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

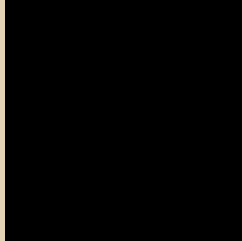
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1457, 66.5510, 52.6975

Background



This preview shows how black text looks on a background with the XYZ color 63.1457, 66.5510, 52.6975.

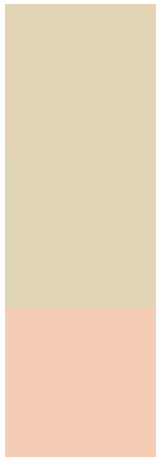


This preview shows how white text looks on a background with the XYZ color 63.1457, 66.5510,

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

63.1457, 66.5510, 52.6975

Protanopia

62.7729, 66.7311, 52.7519

Deuteranopia

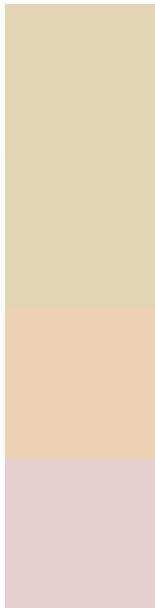
67.8280, 66.4113, 52.9598



Tritanopia

68.2111, 66.4055, 78.3297

Trichromacy



Original Color

63.1457, 66.5510, 52.6975

Protanomaly

63.0838, 66.8913, 52.7665

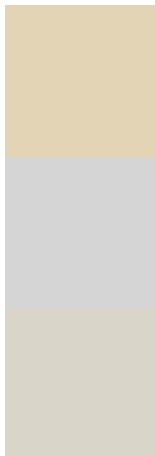
Deuteranomaly

66.1563, 66.6251, 53.0892

Tritanomaly

66.1315, 66.2748, 68.3383

Monochromacy



Original Color

63.1457, 66.5510, 52.6975

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2503, 66.7110, 64.8012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1457, 66.5510, 52.6975 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, 212, 180)` looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 180)  
}
```

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, 212, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 180) }
```

Border

The CSS property to change the border of an element to XYZ 63.1457, 66.5510, 52.6975 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, 212, 180) }
```


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

```
.border{ border-color:rgb(226, 212, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 212, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 212, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 212, 180);  
box-shadow:4px 4px 4px 4px rgb(226, 212,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1457, 66.5510, 52.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 180) }
```

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

```
.background{ background-color: rgb(226,  
212, 180) }
```

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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