

Converting Colors

XYZ(63.3171, 64.6142, 45.6951)

Have a look what the booklet for
XYZ(63.3171, 64.6142, 45.6951)
contains.

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Color

**XYZ(63.3073, 64.5948,
45.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCEA7
RGB	235, 206, 167
RGB Percent	92%, 81%, 65%
CMY	0.0784, 0.1921, 0.3451
CMYK	0.00, 0.12, 0.29, 0.08
HSL	34°, 63%, 79%
HSV	34°, 29%, 92%
XYZ	63.3073, 64.5948, 45.6906
YIQ	210.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

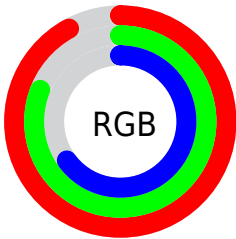
Format	Color
R _Y B	218, 235, 167
Decimal	15453863
CIE Lab	84.27, 4.44, 23.15
CIE LCh	84, 23.576, 79.143
Yxy	64.5948, 0.3647, 0.3721
Android (android.graphics.Color)	4293643943 (0xFFEBCEA7)
YUV	210.2250, -21.3099, 21.7277
Hunter-Lab	80.3709, -0.0465, 22.5534

Details

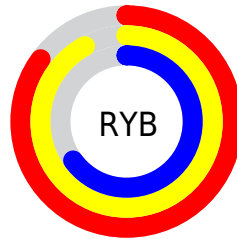
The XYZ color **63.3073, 64.5948, 45.6906** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6712, 53.6919, 86.2904**, and the grayscale version is **61.5297, 64.7340, 70.4953**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **32.6828, 33.1593, 20.8975** is the 20% darker color. If you saturate the color by 10%, you get **58.9937, 59.1340, 34.4910**, and if you desaturate by 10%, it is **68.1728, 70.5271, 59.0232**.

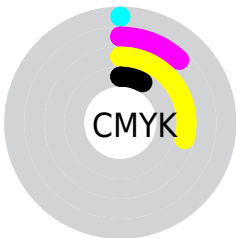
Distribution



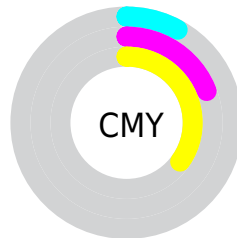
- Red (92%)
- Green (81%)
- Blue (65%)



- Red (85%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (8%)





- Cyan (8%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3073, 64.5948, 45.6906 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 63.3073, 64.5948, 45.6906 by changing the saturation by 10% instead.


 63.3073, 64.5948,
45.6906

 63.3073, 64.5948,
45.6906


426.3258,
441.3344, 385.8047

 46.3494, 47.1326,
31.6548


 108.6921,
111.4671, 85.0852

 32.7274, 33.1405,
20.8354


 137.8497,
141.6460, 111.2810

 22.0760, 22.2341,
12.8136


171.8046,
176.8326, 142.3674

 14.0296, 14.0290,
7.1711

210.9221,
217.4112, 178.7627

 8.2231, 8.1408,
3.4893

255.5676,
263.7663, 220.8856

 4.2911, 4.1852,
1.3496

306.1065,

 1.8681, 1.7777,

316.2823, 269.1545

0.1019

362.9042,
375.3435, 323.9880

■ 0.5582, 0.4732,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3073, 64.5948,
45.6906

■ 63.3073, 64.5948,
45.6906

■ 58.9937, 59.1340,
34.4910

■ 68.1728, 70.5271,
59.0232

■ 55.2029, 54.1215,
25.3068

■ 73.6079, 76.9354,
74.5900

■ 51.9101, 49.5451,
18.0150

■ 79.6353, 83.8354,
92.4903

■ 49.0862, 45.3883,
12.4773

■ 85.2933, 90.8468,
107.6475

■ 46.6985, 41.6330,
8.5362

■ 88.0710, 96.4022,
108.5734

■ 44.7085, 38.2588,
6.0057

■ 43.0597, 35.2376,
4.6039

■ 42.8967, 34.9335,
4.4819

Harmonies

Analogous

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



68.2049, 64.5948, 50.7381



63.3073, 64.5948, 45.6906



58.1595, 64.5948, 46.5025

Triad

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



63.3073, 64.5948, 45.6906



52.3851, 64.5948, 80.1962



69.3119, 64.5948, 90.8840

Complementary

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



63.3073, 64.5948, 45.6906



50.6712, 53.6919, 86.2904

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.



64.7492, 64.5948, 101.1663



63.3073, 64.5948, 45.6906



55.0549, 64.5948, 94.4164

Square

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



63.3073, 64.5948, 45.6906



52.0478, 64.5948, 65.0512



59.5224, 64.5948, 102.5436



71.8001, 64.5948, 75.8928

Rectangle

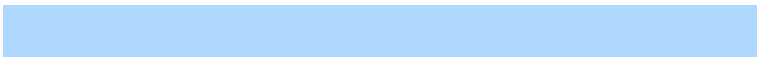
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3073, 64.5948, 45.6906



55.2693, 64.5948, 50.2944



59.5224, 64.5948, 102.5436



67.9583, 64.5948, 95.0913

Sweetspot

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



63.3090, 64.5978, 45.6919



88.5298, 92.5235, 89.5740



58.0972, 49.3071, 58.9593



18.7352, 19.5549, 18.5504



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.



63.3090, 64.5978, 45.6919



72.8985, 73.6009, 46.3205



69.4668, 79.1072, 48.1680



15.7829, 16.4887, 15.8695



24.0031, 19.7004, 2.5375



1.9799, 1.7371, 0.2309

Inverse Universe

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



50.6712, 53.6919, 86.2904



55.2703, 58.3935, 102.9658



45.7258, 42.3544, 84.3626



14.7592, 15.6049, 19.1564



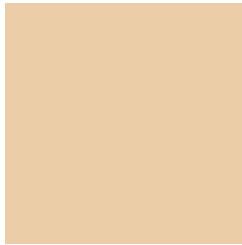
11.0135, 8.6739, 44.8367



0.9584, 0.8683, 3.5520

Previews

White Background



This preview shows how the XYZ color 63.3073, 64.5948, 45.6906 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 63.3073, 64.5948, 45.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

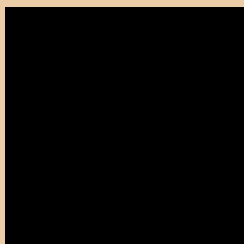
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3073, 64.5948, 45.6906

Background



This preview shows how black text looks on a background with the XYZ color 63.3073, 64.5948, 45.6906.



This preview shows how white text looks on a background with the XYZ color 63.3073, 64.5948,

45.6906.

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

63.3073, 64.5948, 45.6906

Protanopia

60.6395, 64.6457, 46.8179

Deuteranopia

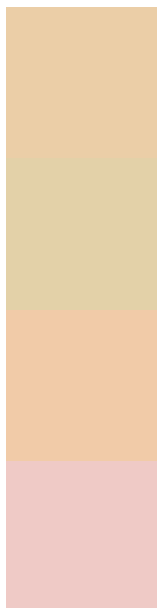
65.8446, 64.4807, 46.0214



Tritanopia

68.9648, 64.4539, 73.0960

Trichromacy



Original Color

63.3073, 64.5948, 45.6906

Protanomaly

61.5469, 64.7590, 46.3017

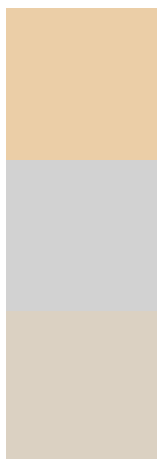
Deuteranomaly

64.6994, 64.2398, 46.0353

Tritanomaly

66.9102, 64.6690, 62.3819

Monochromacy



Original Color

63.3073, 64.5948, 45.6906

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7515, 64.5560, 60.2448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3073, 64.5948, 45.6906 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(235, 206, 167) looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 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(235, 206, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 167) }
```

Border

The CSS property to change the border of an element to XYZ 63.3073, 64.5948, 45.6906 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(235, 206, 167) }
```


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

```
.border{ border-color:rgb(235, 206, 167) }
```

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

Here you see how a box with a 4 pixel rgb(235, 206, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 167);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3073, 64.5948, 45.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 167) }
```

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

```
.background{ background-color: rgb(235,  
206, 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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