

Converting Colors

XYZ(65.4082, 66.3648, 47.3925)

Have a look what the booklet for
XYZ(65.4082, 66.3648, 47.3925)
contains.

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Color

**XYZ(65.4082, 66.3648,
47.3925)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD0AA
RGB	239, 208, 170
RGB Percent	94%, 82%, 67%
CMY	0.0627, 0.1843, 0.3333
CMYK	0.00, 0.13, 0.29, 0.06
HSL	33°, 68%, 80%
HSV	33°, 29%, 94%
XYZ	65.4082, 66.3648, 47.3925
YIQ	212.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

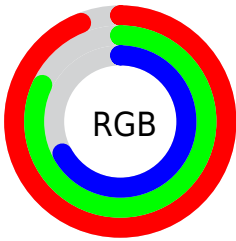
Format	Color
R _Y B	226, 239, 170
Decimal	15716522
CIE _{Lab}	85.18, 5.31, 22.88
CIE _{LCh}	85, 23.489, 76.944
Y _{xy}	66.3648, 0.3651, 0.3704
Android (android.graphics.Color)	4293906602 (0xFFEFD0AA)
YUV	212.9370, -21.1679, 22.8573
Hunter-Lab	81.4646, 0.7552, 22.5329

Details

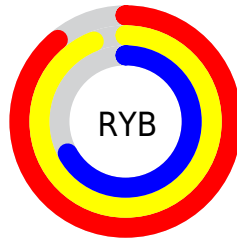
The XYZ color **65.4082, 66.3648, 47.3925** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.0437, 56.5496, 89.7810**, and the grayscale version is **63.3279, 66.6259, 72.5556**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **34.1170, 34.3643, 21.9744** is the 20% darker color. If you saturate the color by 10%, you get **60.8206, 60.4846, 35.7047**, and if you desaturate by 10%, it is **70.5875, 72.7699, 61.3067**.

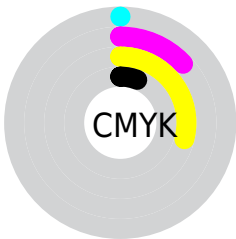
Distribution



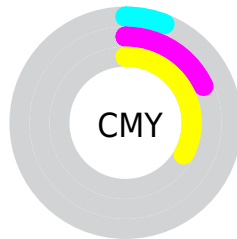
- Red (94%)
- Green (82%)
- Blue (67%)



- Red (89%)
- Yellow (94%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (6%)





- Cyan (6%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4082, 66.3648, 47.3925 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 65.4082, 66.3648, 47.3925 by changing the saturation by 10% instead.


 65.4082, 66.3648,
47.3925

 65.4082, 66.3648,
47.3925


433.7795,
447.6804, 392.8181

 48.0581, 48.5686,
32.9895


 111.6990,
114.0098, 87.6553

 34.0843, 34.2774,
21.8473


141.3703,
144.6273, 114.3522

 23.1216, 23.1068,
13.5475


175.8795,
180.2874, 145.9841

 14.8045, 14.6724,
7.6715

215.5918,
221.3745, 182.9696

 8.7677, 8.5898,
3.8007

260.8725,
268.2730, 225.7272

 4.6459, 4.4746,
1.5167

312.0872,

 2.0736, 1.9424,

321.3672, 274.6754

0.2303

369.6011,
381.0415, 330.2329

■ 0.6748, 0.5737,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4082, 66.3648,
47.3925

■ 65.4082, 66.3648,
47.3925

■ 60.8206, 60.4846,
35.7047

■ 70.5875, 72.7699,
61.3067

■ 56.7937, 55.1043,
26.1208

■ 76.3774, 79.7058,
77.5530

■ 53.3014, 50.2100,
18.5123

■ 82.8020, 87.1898,
96.2350

■ 50.3127, 45.7834,
12.7351

■ 88.1282, 94.5337,
108.2097

■ 47.7929, 41.8046,
8.6248

■ 89.4067, 97.0908,
108.6359

■ 45.7013, 38.2508,
5.9873

■ 43.9792, 35.0920,
4.5331

■ 43.7994, 34.7562,
4.4001

Harmonies

Analogous

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



70.2948, 66.3648, 52.9618



65.4082, 66.3648, 47.3925



60.1538, 66.3648, 47.7805

Triad

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



65.4082, 66.3648, 47.3925



53.8221, 66.3648, 81.1049



70.8217, 66.3648, 94.0752

Complementary

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



65.4082, 66.3648, 47.3925



53.0437, 56.5496, 89.7810

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.



66.0949, 66.3648, 103.9321



65.4082, 66.3648, 47.3925



56.3724, 66.3648, 95.7548

Square

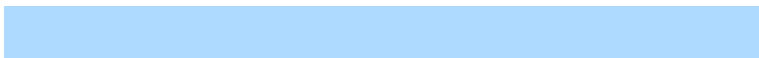
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4082, 66.3648, 47.3925



53.6612, 66.3648, 65.8648



60.8033, 66.3648, 104.5866



73.5361, 66.3648, 79.0563

Rectangle

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



65.4082, 66.3648, 47.3925



57.1483, 66.3648, 51.3523



60.8033, 66.3648, 104.5866



69.4038, 66.3648, 98.1885

Sweetspot

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



65.4099, 66.3678, 47.3939



88.3715, 92.2069, 89.5212



60.5204, 51.3203, 62.0059



18.6962, 19.4769, 18.5374



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.



65.4099, 66.3678, 47.3939



72.3773, 72.5585, 46.1468



72.5654, 82.3915, 50.1096



16.4946, 17.2023, 16.6007



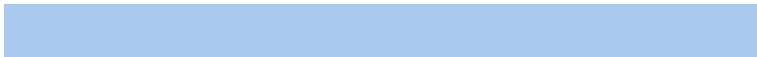
24.3375, 19.4730, 2.4759



2.1239, 1.8184, 0.2390

Inverse Universe

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



53.0437, 56.5496, 89.7810



55.7566, 59.3662, 103.1279



47.2887, 43.9179, 87.6462



15.4819, 16.3979, 20.0707



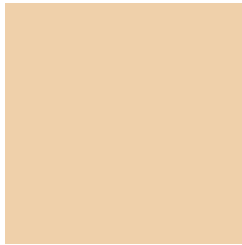
11.6629, 9.5501, 46.3565



1.0682, 0.9904, 3.8891

Previews

White Background



This preview shows how the XYZ color 65.4082, 66.3648, 47.3925 looks on a white background.

Color Contrast Check

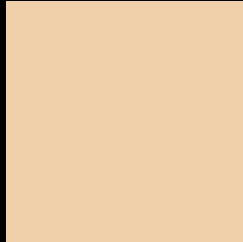
Large Text (above 18pt) WCAG AA × Fail

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 65.4082, 66.3648, 47.3925 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 65.4082, 66.3648, 47.3925

Background



This preview shows how black text looks on a background with the XYZ color 65.4082, 66.3648, 47.3925.



This preview shows how white text looks on a background with the XYZ color 65.4082, 66.3648,

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

65.4082, 66.3648, 47.3925

Protanopia

62.6047, 66.7358, 48.6114

Deuteranopia

67.8934, 66.5594, 47.7970



Tritanopia

70.7193, 66.0161, 74.6607

Trichromacy



Original Color

65.4082, 66.3648, 47.3925

Protanomaly

63.5999, 66.5177, 48.0152

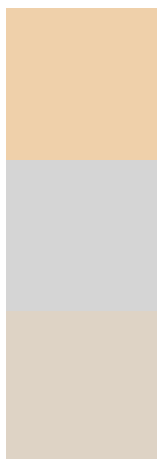
Deuteranomaly

67.0782, 66.4954, 47.8276

Tritanomaly

68.6361, 66.2331, 63.8103

Monochromacy



Original Color

65.4082, 66.3648, 47.3925

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4965, 66.1493, 62.2448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4082, 66.3648, 47.3925 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(239, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 170)  
}
```

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(239, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 170) }
```

Border

The CSS property to change the border of an element to XYZ 65.4082, 66.3648, 47.3925 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(239, 208, 170) }
```


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

```
.border{ border-color:rgb(239, 208, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 170);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4082, 66.3648, 47.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 170) }
```

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

```
.background{ background-color: rgb(239,  
208, 170) }
```

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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