

Converting Colors

XYZ(64.3240, 65.9311, 41.6835)

Have a look what the booklet for
XYZ(64.3240, 65.9311, 41.6835)
contains.

XYZ(64.3240, 65.9311, 41.6835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.3240, 65.9311,
41.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD09E
RGB	239, 208, 158
RGB Percent	94%, 82%, 62%
CMY	0.0627, 0.1843, 0.3804
CMYK	0.00, 0.13, 0.34, 0.06
HSL	37°, 72%, 78%
HSV	37°, 34%, 94%
XYZ	64.3240, 65.9311, 41.6835
YIQ	211.5690, 34.5260, -8.9780

Conversions

Conversions Part 2

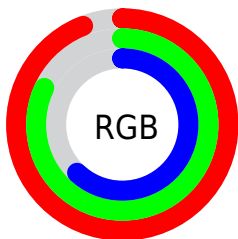
Format	Color
R _Y B	208, 239, 158
Decimal	15716510
CIE Lab	84.96, 3.81, 28.85
CIE LCh	85, 29.099, 82.485
Yxy	65.9311, 0.3741, 0.3835
Android (android.graphics.Color)	4293906590 (0xFFEFD09E)
YUV	211.5690, -26.4095, 24.0570
Hunter-Lab	81.1980, -0.6910, 26.4017

Details

The XYZ color **64.3240, 65.9311, 41.6835** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8776, 49.8946, 88.7685**, and the grayscale version is **62.4482, 65.7004, 71.5478**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **33.4485, 34.0969, 18.4541** is the 20% darker color. If you saturate the color by 10%, you get **60.2982, 60.8576, 31.1602**, and if you desaturate by 10%, it is **68.8819, 71.4279, 54.3593**.

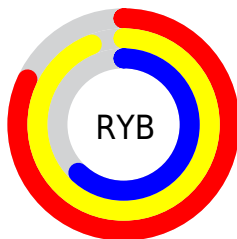
Distribution



Red (94%)

Green (82%)

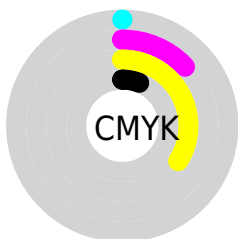
Blue (62%)



Red (82%)

Yellow (94%)

Blue (62%)

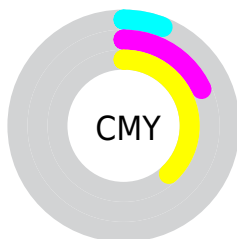


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (6%)



Cyan (6%)


Magenta (18%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3240, 65.9311, 41.6835 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 64.3240, 65.9311, 41.6835 by changing the saturation by 10% instead.


 64.3240, 65.9311,
41.6835


 64.3240, 65.9311,
41.6835


429.9424,
446.1304, 368.9301

 47.1758, 48.2165,
28.5298


 110.1485,
113.3874, 78.9853

 33.3832, 33.9983,
18.4829


 139.5556,
143.8979, 103.9705

 22.5808, 22.8923,
11.1242


173.7797,
179.4425, 133.7366

 14.4033, 14.5140,
6.0352

213.1861,
220.4056, 168.7022

 8.4852, 8.4790,
2.7974

258.1402,
267.1715, 209.2859

 4.4614, 4.4030,
0.9921

309.0074,

 1.9663, 1.9014,

320.1247, 255.9060

0.0000

366.1530,
379.6495, 308.9813

■ 0.6149, 0.5492,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3240, 65.9311,
41.6835

■ 64.3240, 65.9311,
41.6835

■ 60.2982, 60.8576,
31.1602

■ 68.8819, 71.4279,
54.3593

■ 56.7740, 56.1847,
22.6620

■ 73.9902, 77.3516,
69.2971

■ 53.7251, 51.9007,
16.0542

■ 79.6727, 83.7173,
86.6035

■ 51.1205, 47.9896,
11.1840

■ 85.9500, 90.5364,
106.3773

■ 48.9242, 44.4332,
7.8743

■ 89.0036, 96.2848,
108.5016

■ 47.0932, 41.2105,
5.9096

■ 89.4066, 97.0907,
108.6359

■ 46.1155, 39.3886,
5.1722

Harmonies

Analogous

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



70.6368, 65.9311, 46.8502



64.3240, 65.9311, 41.6835



57.9797, 65.9311, 43.3961

Triad

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



64.3240, 65.9311, 41.6835



51.7531, 65.9311, 86.4557



73.1750, 65.9311, 96.0195

Complementary

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



64.3240, 65.9311, 41.6835



47.8776, 49.8946, 88.7685

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.



67.5972, 65.9311, 110.4558



64.3240, 65.9311, 41.6835



55.3178, 65.9311, 104.2985

Square

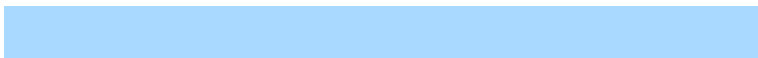
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3240, 65.9311, 41.6835



51.0105, 65.9311, 67.1815



61.0358, 65.9311, 113.7231



75.9730, 65.9311, 76.5999

Rectangle

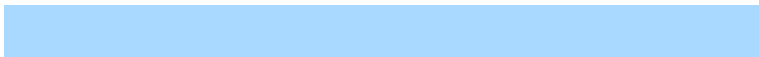
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3240, 65.9311, 41.6835



54.5528, 65.9311, 48.3764



61.0358, 65.9311, 113.7231



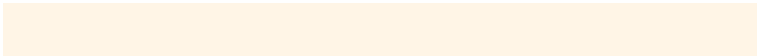
71.5452, 65.9311, 101.7452

Sweetspot

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



64.3257, 65.9341, 41.6849



88.1786, 92.3967, 87.6821



57.0146, 46.4814, 54.1401



18.6789, 19.5570, 18.1781



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.



64.3257, 65.9341, 41.6849



71.0803, 72.0744, 39.2099



69.5271, 80.9503, 44.3091



16.5854, 17.3839, 16.6310



25.6152, 22.0285, 2.9019



2.2268, 2.0242, 0.2734

Inverse Universe

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



47.8776, 49.8946, 88.7685



49.2230, 50.7715, 101.8133



43.8391, 38.9511, 86.8691



15.3931, 16.2202, 20.0411



10.8159, 7.8561, 46.0742



0.9931, 0.8401, 3.8640

Previews

White Background



This preview shows how the XYZ color 64.3240, 65.9311, 41.6835 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 64.3240, 65.9311, 41.6835 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 64.3240, 65.9311, 41.6835

Background



This preview shows how black text looks on a background with the XYZ color 64.3240, 65.9311, 41.6835.



This preview shows how white text looks on a background with the XYZ color 64.3240, 65.9311,

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

64.3240, 65.9311, 41.6835

Protanopia

61.5672, 65.9559, 42.7435

Deuteranopia

67.2752, 66.0129, 41.9969



Tritanopia

70.7051, 65.6789, 73.9165

Trichromacy



Original Color

64.3240, 65.9311, 41.6835

Protanomaly

62.5073, 66.0807, 42.2612

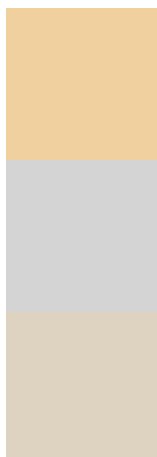
Deuteranomaly

66.0954, 65.7587, 42.0100

Tritanomaly

68.1684, 65.7067, 60.7196

Monochromacy



Original Color

64.3240, 65.9311, 41.6835

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9329, 65.9239, 59.2768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3240, 65.9311, 41.6835 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, 158)` looks like.

```
.text, #text, p{  
  color:rgb(239, 208, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 158) }
```

Border

The CSS property to change the border of an element to XYZ 64.3240, 65.9311, 41.6835 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, 158) }
```


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

```
.border{ border-color:rgb(239, 208, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 158);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3240, 65.9311, 41.6835 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, 158) }
```

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

```
.background{ background-color: rgb(239,  
208, 158) }
```

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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