

Converting Colors

XYZ(65.4509, 67.8665, 36.7863)

Have a look what the booklet for
XYZ(65.4509, 67.8665, 36.7863)
contains.

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Color

**XYZ(65.4447, 67.7185,
36.8158)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D392
RGB	243, 211, 146
RGB Percent	95%, 83%, 57%
CMY	0.0471, 0.1725, 0.4274
CMYK	0.00, 0.13, 0.40, 0.05
HSL	40°, 80%, 76%
HSV	40°, 40%, 95%
XYZ	65.4447, 67.7185, 36.8158
YIQ	213.1580, 39.9370, -13.4310

Conversions

Conversions Part 2

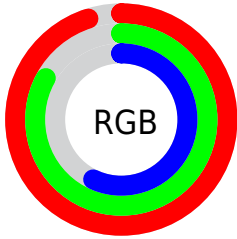
Format	Color
RYB	194, 243, 146
Decimal	15979410
CIELab	85.87, 2.44, 36.30
CIElCh	86, 36.379, 86.150
Yxy	67.7185, 0.3850, 0.3984
Android (android.graphics.Color)	4294169490 (0xFFFF3D392)
YUV	213.1580, -33.1089, 26.1714
Hunter-Lab	82.2913, -2.0520, 31.0785

Details

The XYZ color **65.4447, 67.7185, 36.8158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.9517, 44.4214, 91.0516**, and the grayscale version is **63.5489, 66.8584, 72.8088**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **34.0849, 35.2364, 15.5945** is the 20% darker color. If you saturate the color by 10%, you get **61.8104, 63.1601, 27.2491**, and if you desaturate by 10%, it is **69.5835, 72.6425, 48.5342**.

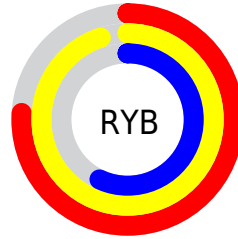
Distribution



Red (95%)

Green (83%)

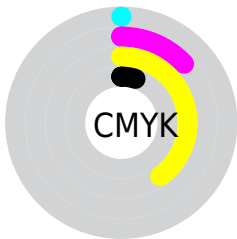
Blue (57%)



Red (76%)

Yellow (95%)

Blue (57%)

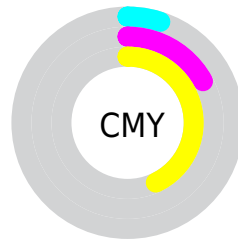


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (5%)



Cyan (5%)

Magenta (17%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4447, 67.7185, 36.8158 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 65.4447, 67.7185, 36.8158 by changing the saturation by 10% instead.


 65.4447, 67.7185,
36.8158


 65.4447, 67.7185,
36.8158


433.9083,
452.4980, 347.6570

 48.0878, 49.6688,
24.7702


 111.7511,
115.9493, 71.4726

 34.1080, 35.1503,
15.6885


 141.4313,
146.8992, 94.9208

 23.1398, 23.7787,
9.1520


175.9500,
182.9180, 123.0071

 14.8181, 15.1695,
4.7423

215.6726,
224.3899, 156.1499

 8.7773, 8.9384,
2.0408

260.9643,
271.6995, 194.7677

 4.6521, 4.7010,
0.5802

312.1906,

 2.0773, 2.0729,

325.2311, 239.2791

0.0000

369.7168,
385.3692, 290.1027

■ 0.6768, 0.6493,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4447, 67.7185,
36.8158

■ 65.4447, 67.7185,
36.8158

■ 61.8104, 63.1601,
27.2491

■ 69.5835, 72.6425,
48.5342

■ 58.6483, 58.9447,
19.6942

■ 74.2465, 77.9349,
62.5239

■ 55.9301, 55.0611,
14.0011

■ 79.4585, 83.6101,
78.9007

■ 53.6216, 51.4932,
9.9969

■ 85.2408, 89.6790,
97.7712

■ 51.6821, 48.2223,
7.4757

■ 89.5348, 95.3201,
108.2874

■ 50.0454, 45.2195,
6.0964

■ 90.7721, 97.7947,
108.6998

■ 50.0325, 45.1954,
6.0866

Harmonies

Analogous

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



73.6936, 67.7185, 41.8524



65.4447, 67.7185, 36.8158



57.5679, 67.7185, 39.7784

Triad

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



65.4447, 67.7185, 36.8158



51.0450, 67.7185, 95.8264



78.5863, 67.7185, 102.3140

Complementary

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



65.4447, 67.7185, 36.8158



43.9517, 44.4214, 91.0516

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.



71.6758, 67.7185, 122.9839



65.4447, 67.7185, 36.8158



55.8578, 67.7185, 118.7072

Square

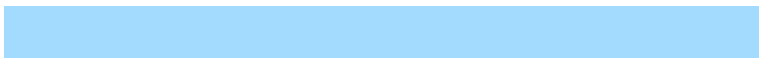
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4447, 67.7185, 36.8158



49.6852, 67.7185, 70.6998



63.2961, 67.7185, 129.5476



81.6827, 67.7185, 76.8537

Rectangle

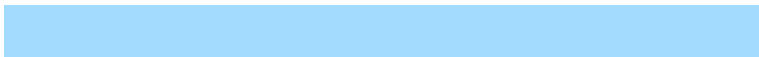
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4447, 67.7185, 36.8158



53.5027, 67.7185, 46.3290



63.2961, 67.7185, 129.5476



76.6048, 67.7185, 110.2487

Sweetspot

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



65.4464, 67.7217, 36.8172



87.3731, 91.9120, 83.9415



55.3109, 42.8409, 47.6498



18.5345, 19.4928, 17.4377



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.



65.4464, 67.7217, 36.8172



69.6518, 71.3538, 32.1473



68.8651, 82.4804, 39.4857



17.4272, 18.3386, 17.4188



27.5882, 25.0620, 3.3834



2.5185, 2.3903, 0.3286

Inverse Universe

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



43.9517, 44.4214, 91.0516



42.5981, 42.0506, 100.4792



41.3914, 34.7285, 89.3157



16.0276, 16.8195, 20.9443



10.5690, 6.9319, 47.3190



1.0191, 0.7897, 4.1889

Previews

White Background



This preview shows how the XYZ color 65.4447, 67.7185, 36.8158 looks on a white background.

Color Contrast Check

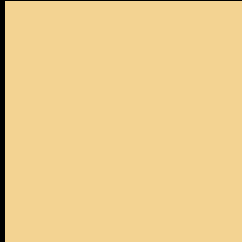
Large Text (above 18pt) WCAG AA × Fail

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 65.4447, 67.7185, 36.8158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

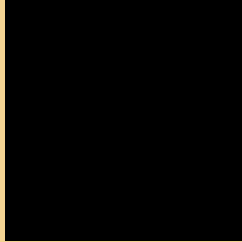
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4447, 67.7185, 36.8158

Background



This preview shows how black text looks on a background with the XYZ color 65.4447, 67.7185, 36.8158.



This preview shows how white text looks on a background with the XYZ color 65.4447, 67.7185,

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

65.4447, 67.7185, 36.8158

Protanopia

62.9244, 67.8948, 37.8055

Deuteranopia

68.8972, 67.6370, 38.7021



Tritanopia

73.1998, 67.6270, 75.5249

Trichromacy



Original Color

65.4447, 67.7185, 36.8158

Protanomaly

63.9051, 68.0326, 37.3672

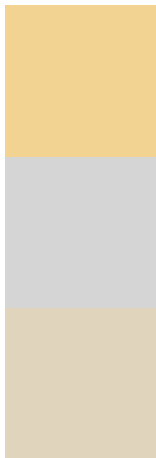
Deuteranomaly

67.7644, 67.7909, 37.9472

Tritanomaly

69.7035, 67.2426, 59.1745

Monochromacy



Original Color

65.4447, 67.7185, 36.8158

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4693, 66.6084, 57.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4447, 67.7185, 36.8158 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(243, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 146)  
}
```

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(243, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 146) }
```

Border

The CSS property to change the border of an element to XYZ 65.4447, 67.7185, 36.8158 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(243, 211, 146) }
```


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

```
.border{ border-color:rgb(243, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4447, 67.7185, 36.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 146) }
```

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

```
.background{ background-color: rgb(243,  
211, 146) }
```

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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