

Converting Colors

XYZ(64.0265, 66.8269, 37.6154)

Have a look what the booklet for
XYZ(64.0265, 66.8269, 37.6154)
contains.

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Color

**XYZ(64.2362, 67.0774,
37.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD394
RGB	239, 211, 148
RGB Percent	94%, 83%, 58%
CMY	0.0627, 0.1725, 0.4196
CMYK	0.00, 0.12, 0.38, 0.06
HSL	42°, 74%, 76%
HSV	42°, 38%, 94%
XYZ	64.2362, 67.0774, 37.5786
YIQ	212.1900, 36.9110, -13.6570

Conversions

Conversions Part 2

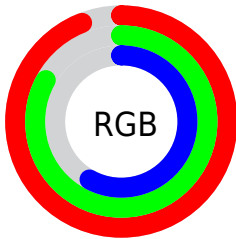
Format	Color
R _Y B	188, 239, 148
Decimal	15717268
CIE Lab	85.54, 1.10, 34.79
CIE LCh	86, 34.803, 88.192
Yxy	67.0774, 0.3803, 0.3972
Android (android.graphics.Color)	4293907348 (0xFFEFD394)
YUV	212.1900, -31.6457, 23.5124
Hunter-Lab	81.9008, -3.3258, 30.1265

Details

The XYZ color **64.2362, 67.0774, 37.5786** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.3177, 43.5772, 87.7895**, and the grayscale version is **62.8939, 66.1692, 72.0583**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **33.4597, 34.9036, 16.0399** is the 20% darker color. If you saturate the color by 10%, you get **60.7518, 62.8299, 28.0281**, and if you desaturate by 10%, it is **68.1981, 71.6545, 49.2167**.

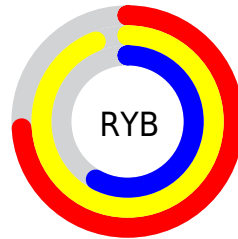
Distribution



Red (94%)

Green (83%)

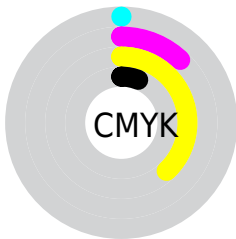
Blue (58%)



Red (74%)

Yellow (94%)

Blue (58%)

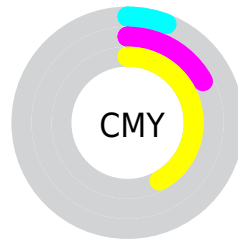


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (6%)



Cyan (6%)


Magenta (17%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2362, 67.0774, 37.5786 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 64.2362, 67.0774, 37.5786 by changing the saturation by 10% instead.


 64.2362, 67.0774,
37.5786

 64.2362, 67.0774,
37.5786


429.6308,
450.2202, 351.0526

 47.1044, 49.1475,
25.3565


 110.0229,
115.0313, 72.6580

 33.3265, 34.7365,
16.1214


 139.4084,
145.8241, 96.3524

 22.5371, 23.4600,
9.4548


173.6093,
181.6734, 124.7080

 14.3709, 14.9335,
4.9382

212.9909,
222.9635, 158.1433

 8.4625, 8.7727,
2.1529

257.9185,
270.0789, 197.0769

 4.4466, 4.5933,
0.6470

308.7574,

 1.9577, 2.0106,

323.4038, 241.9273

0.0000

365.8731,
383.3228, 293.1130

■ 0.6101, 0.6136,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2362, 67.0774,
37.5786

■ 64.2362, 67.0774,
37.5786

■ 60.7518, 62.8299,
28.0281

■ 68.1981, 71.6545,
49.2167

■ 57.7146, 58.8907,
20.4331

■ 72.6557, 76.5629,
63.0553

■ 55.0983, 55.2500,
14.6530

■ 77.6323, 81.8160,
79.2039

■ 52.8710, 51.8932,
10.5263

■ 83.1480, 87.4235,
97.7636

■ 50.9955, 48.8035,
7.8626

■ 87.1428, 92.5631,
107.8813

■ 49.4207, 45.9586,
6.3983

■ 89.4066, 97.0907,
108.6359

■ 49.1378, 45.4330,
6.1796

Harmonies

Analogous

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



72.1118, 67.0774, 41.9223



64.2362, 67.0774, 37.5786



56.8368, 67.0774, 40.9801

Triad

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



64.2362, 67.0774, 37.5786



51.2682, 67.0774, 95.6055



77.5724, 67.0774, 98.4827

Complementary

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



64.2362, 67.0774, 37.5786



43.3177, 43.5772, 87.7895

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.



71.2131, 67.0774, 118.5436



64.2362, 67.0774, 37.5786



56.0703, 67.0774, 116.6554

Square

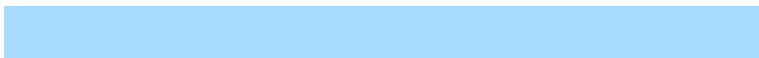
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2362, 67.0774, 37.5786



49.7303, 67.0774, 71.6700



63.2763, 67.0774, 125.7926



80.1960, 67.0774, 74.4190

Rectangle

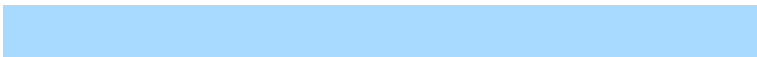
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.2362, 67.0774, 37.5786



53.0776, 67.0774, 47.6776



63.2763, 67.0774, 125.7926



75.7762, 67.0774, 106.0899

Sweetspot

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



64.2379, 67.0805, 37.5800



88.1669, 92.9407, 85.9293



54.1045, 42.6983, 46.8900



18.7010, 19.7143, 17.8369



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.



64.2379, 67.0805, 37.5800



71.1150, 73.7049, 34.4093



66.4334, 79.4509, 39.8520



16.6887, 17.5906, 16.6654



27.2762, 25.3505, 3.4555



2.3568, 2.2843, 0.3167

Inverse Universe

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



43.3177, 43.5772, 87.7895



43.5763, 42.7869, 100.5697



41.6218, 35.3781, 86.2963



15.2939, 16.0218, 20.0081



10.0475, 6.3192, 45.8180



0.9207, 0.6955, 3.8399

Previews

White Background



This preview shows how the XYZ color 64.2362, 67.0774, 37.5786 looks on a white background.

Color Contrast Check

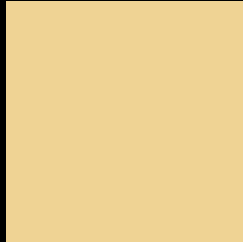
Large Text (above 18pt) WCAG AA × Fail

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 64.2362, 67.0774, 37.5786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

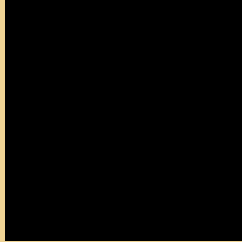
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2362, 67.0774, 37.5786

Background



This preview shows how black text looks on a background with the XYZ color 64.2362, 67.0774, 37.5786.



This preview shows how white text looks on a background with the XYZ color 64.2362, 67.0774,

37.5786.

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

64.2362, 67.0774, 37.5786

Protanopia

62.4264, 67.2520, 38.1245

Deuteranopia

68.4961, 67.0926, 37.7738



Tritanopia

71.7815, 66.8958, 75.4586

Trichromacy



Original Color

64.2362, 67.0774, 37.5786

Protanomaly

63.1507, 67.2509, 38.0861

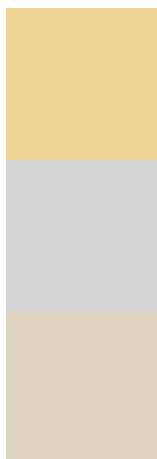
Deuteranomaly

66.8046, 66.9353, 37.8326

Tritanomaly

68.4191, 66.5676, 59.6948

Monochromacy



Original Color

64.2362, 67.0774, 37.5786

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.8530, 66.2907, 57.6268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2362, 67.0774, 37.5786 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, 211, 148)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 148)  
}
```

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, 211, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 148) }
```

Border

The CSS property to change the border of an element to XYZ 64.2362, 67.0774, 37.5786 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, 211, 148) }
```


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

```
.border{ border-color:rgb(239, 211, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 148);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2362, 67.0774, 37.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 148) }
```

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

```
.background{ background-color: rgb(239,  
211, 148) }
```

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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