

Converting Colors

XYZ(66.6984, 68.3765, 37.8700)

Have a look what the booklet for
XYZ(66.6984, 68.3765, 37.8700)
contains.

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Color

**XYZ(66.6456, 68.3195,
37.6914)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D394
RGB	246, 211, 148
RGB Percent	96%, 83%, 58%
CMY	0.0353, 0.1725, 0.4196
CMYK	0.00, 0.14, 0.40, 0.04
HSL	39°, 84%, 77%
HSV	39°, 40%, 96%
XYZ	66.6456, 68.3195, 37.6914
YIQ	214.2830, 41.0830, -12.1730

Conversions

Conversions Part 2

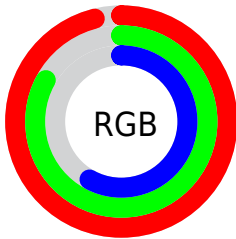
Format	Color
R _{YB}	202, 246, 148
Decimal	16176020
CIE _{Lab}	86.17, 3.83, 35.72
CIE _{LCh}	86, 35.924, 83.877
Yxy	68.3195, 0.3860, 0.3957
Android (android.graphics.Color)	4294366100 (0xFFFF6D394)
YUV	214.2830, -32.6775, 27.8158
Hunter-Lab	82.6556, -0.7219, 30.8224

Details

The XYZ color **66.6456, 68.3195, 37.6914** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7803, 46.8151, 93.8120**, and the grayscale version is **64.3025, 67.6513, 73.6722**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **34.9073, 35.6498, 16.1076** is the 20% darker color. If you saturate the color by 10%, you get **62.7791, 63.3783, 27.7956**, and if you desaturate by 10%, it is **71.0487, 73.6711, 49.8089**.

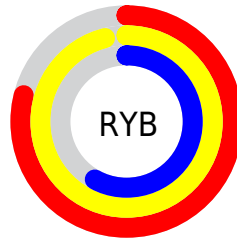
Distribution



Red (96%)

Green (83%)

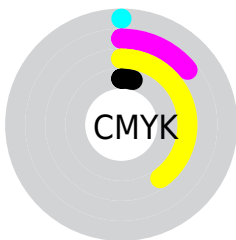
Blue (58%)



Red (79%)

Yellow (96%)

Blue (58%)

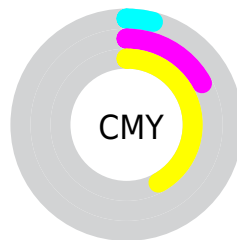


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (17%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6456, 68.3195, 37.6914 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 66.6456, 68.3195, 37.6914 by changing the saturation by 10% instead.


 66.6456, 68.3195,
37.6914

 66.6456, 68.3195,
37.6914


438.1346,
454.6272, 351.5527

 49.0663, 50.1577,
25.4433


 113.4650,
116.8091, 72.8331

 34.8868, 35.5387,
16.1856


 143.4359,
147.9057, 96.5637

 23.7418, 24.0782,
9.4998


178.2680,
184.0827, 124.9589

 15.2659, 15.3916,
4.9674

218.3267,
225.7244, 158.4372

 9.0938, 9.0947,
2.1697

263.9774,
273.2154, 197.4173

 4.8600, 4.8030,
0.6568

315.5853,

 2.1993, 2.1321,

326.9399, 242.3175

0.0000

373.5159,
387.2824, 293.5565

■ 0.7423, 0.6826,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6456, 68.3195,
37.6914

■ 66.6456, 68.3195,
37.6914

■ 62.7791, 63.3783,
27.7956

■ 71.0487, 73.6711,
49.8089

■ 59.4156, 58.8237,
19.9774

■ 76.0091, 79.4370,
64.2716

■ 56.5254, 54.6431,
14.0823

■ 81.5526, 85.6327,
81.1988

■ 54.0729, 50.8191,
9.9319

■ 87.7018, 92.2702,
100.7003

■ 52.0158, 47.3316,
7.3142

■ 91.7930, 98.2867,
108.7410

■ 50.2864, 44.1501,
5.8830

■ 91.8160, 98.3328,
108.7487

■ 50.2596, 44.1001,
5.8632

Harmonies

Analogous

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



74.7620, 68.3195, 43.3490



66.6456, 68.3195, 37.6914



58.7132, 68.3195, 40.0494

Triad

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



66.6456, 68.3195, 37.6914



51.4610, 68.3195, 94.3730



78.6366, 68.3195, 104.5744

Complementary

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



66.6456, 68.3195, 37.6914



45.7803, 46.8151, 93.8120

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.



71.5828, 68.3195, 124.2496



66.6456, 68.3195, 37.6914



56.0104, 68.3195, 117.5398

Square

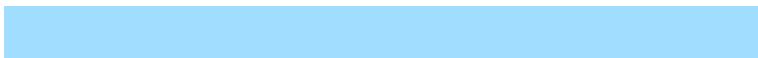
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6456, 68.3195, 37.6914



50.3816, 68.3195, 69.6383



63.2552, 68.3195, 129.4379



82.0530, 68.3195, 79.3495

Rectangle

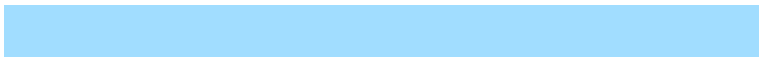
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.6456, 68.3195, 37.6914



54.5320, 68.3195, 46.1678



63.2552, 68.3195, 129.4379



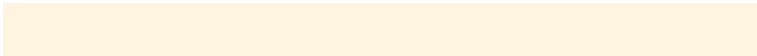
76.5848, 68.3195, 112.2547

Sweetspot

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



66.6473, 68.3227, 37.6928



87.1216, 91.4090, 83.8577



57.2411, 44.2313, 50.8321



18.4752, 19.3741, 17.4180



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.



66.6473, 68.3227, 37.6928



68.8131, 69.6766, 31.8678



71.8838, 85.3621, 40.7057



17.3879, 18.2599, 17.4056



26.9640, 23.8137, 3.1753



2.4667, 2.2867, 0.3114

Inverse Universe

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



45.7803, 46.8151, 93.8120



43.2455, 43.3453, 100.6949



41.9365, 35.4185, 91.8148



16.0654, 16.8951, 20.9569



10.8548, 7.5033, 47.4142



1.0475, 0.8464, 4.1984

Previews

White Background



This preview shows how the XYZ color 66.6456, 68.3195, 37.6914 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 66.6456, 68.3195, 37.6914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

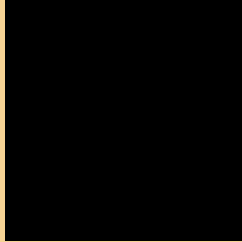
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6456, 68.3195, 37.6914

Background



This preview shows how black text looks on a background with the XYZ color 66.6456, 68.3195, 37.6914.



This preview shows how white text looks on a background with the XYZ color 66.6456, 68.3195,

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

66.6456, 68.3195, 37.6914

Protanopia

63.6652, 68.6374, 38.7470

Deuteranopia

69.3856, 68.2187, 40.0824



Tritanopia

74.2834, 68.1857, 75.5757

Trichromacy



Original Color

66.6456, 68.3195, 37.6914

Protanomaly

64.7313, 68.4402, 38.2323

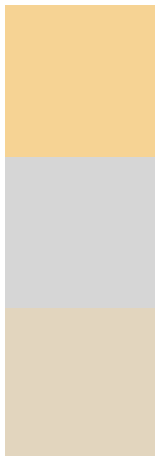
Deuteranomaly

68.3683, 68.0742, 39.2420

Tritanomaly

70.8813, 67.8369, 59.8101

Monochromacy



Original Color

66.6456, 68.3195, 37.6914

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4525, 67.4750, 58.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6456, 68.3195, 37.6914 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(246, 211, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 211, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 211, 148) }
```

Border

The CSS property to change the border of an element to XYZ 66.6456, 68.3195, 37.6914 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(246, 211, 148) }
```


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

```
.border{ border-color:rgb(246, 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(246, 211, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 211, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 211, 148);  
box-shadow:4px 4px 4px 4px rgb(246, 211,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6456, 68.3195, 37.6914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 211, 148) }
```

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

```
.background{ background-color: rgb(246,  
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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