

Converting Colors

XYZ(66.4051, 70.5249, 37.9980)

Have a look what the booklet for
XYZ(66.4051, 70.5249, 37.9980)
contains.

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Color

**XYZ(66.4338, 70.4646,
38.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D994
RGB	241, 217, 148
RGB Percent	95%, 85%, 58%
CMY	0.0549, 0.1490, 0.4196
CMYK	0.00, 0.10, 0.39, 0.05
HSL	45°, 77%, 76%
HSV	45°, 39%, 95%
XYZ	66.4338, 70.4646, 38.1166
YIQ	216.3100, 36.4530, -16.3710

Conversions

Conversions Part 2

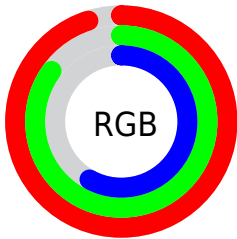
Format	Color
RYB	180, 241, 148
Decimal	15849876
CIELab	87.22, -1.20, 37.02
CIELCh	87, 37.037, 91.858
Yxy	70.4646, 0.3796, 0.4026
Android (android.graphics.Color)	4294039956 (0xFFFF1D994)
YUV	216.3100, -33.6768, 21.6531
Hunter-Lab	83.9432, -5.6332, 31.8381

Details

The XYZ color **66.4338, 70.4646, 38.1166** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.8421, 42.1506, 89.0969**, and the grayscale version is **65.6883, 69.1092, 75.2599**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **34.7988, 36.8755, 16.3499** is the 20% darker color. If you saturate the color by 10%, you get **63.1492, 66.6369, 28.5703**, and if you desaturate by 10%, it is **70.1794, 74.5784, 49.7775**.

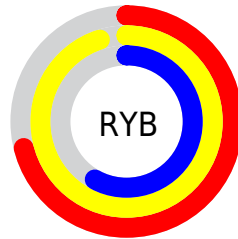
Distribution



Red (95%)

Green (85%)

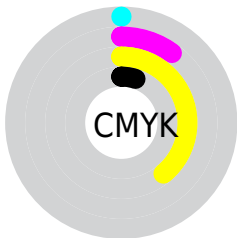
Blue (58%)



Red (71%)

Yellow (95%)

Blue (58%)

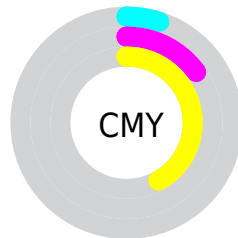


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (5%)



Cyan (5%)


Magenta (15%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4338, 70.4646, 38.1166 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 66.4338, 70.4646, 38.1166 by changing the saturation by 10% instead.


 66.4338, 70.4646,
38.1166

 66.4338, 70.4646,
38.1166


437.3909,
462.1796, 353.4331

 48.8936, 51.9054,
25.7707


 113.1630,
119.8711, 73.4922

 34.7493, 36.9297,
16.4279


 143.0828,
151.4871, 97.3590

 23.6354, 25.1530,
9.6698


177.8598,
188.2242, 125.9031

 15.1867, 16.1911,
5.0779

217.8594,
230.4668, 159.5432

 9.0377, 9.6595,
2.2335

263.4469,
278.5992, 198.6976

 4.8231, 5.1738,
0.6936

314.9878,

 2.1775, 2.3496,

333.0059, 243.7851

0.0000

372.8474,
394.0712, 295.2240

■ 0.7308, 0.7998,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4338, 70.4646,
38.1166

■ 66.4338, 70.4646,
38.1166

■ 63.1492, 66.6369,
28.5703

■ 70.1794, 74.5784,
49.7775

■ 60.2950, 63.0744,
21.0032

■ 74.4043, 78.9791,
63.6683

■ 57.8445, 59.7679,
15.2710

■ 79.1316, 83.6794,
79.9013

■ 55.7657, 56.7035,
11.2077

■ 84.3817, 88.6884,
98.5798

■ 54.0207, 53.8649,
8.6174

■ 87.9225, 93.1145,
107.9466

■ 52.5548, 51.2292,
7.2160

■ 89.8671, 97.0036,
108.5948

■ 52.3599, 50.8692,
7.0591

■ 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



75.1770, 70.4646, 41.7634



66.4338, 70.4646, 38.1166



58.5289, 70.4646, 42.8071

Triad

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



66.4338, 70.4646, 38.1166



53.7494, 70.4646, 104.8846



82.8314, 70.4646, 101.6068

Complementary

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



66.4338, 70.4646, 38.1166



42.8421, 42.1506, 89.0969

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.



76.1958, 70.4646, 125.0233



66.4338, 70.4646, 38.1166



59.3914, 70.4646, 127.1857

Square

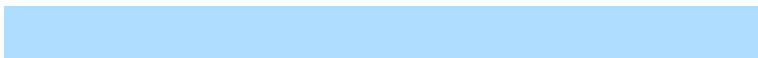
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4338, 70.4646, 38.1166



51.6102, 70.4646, 78.2871



67.5181, 70.4646, 135.2468



85.1203, 70.4646, 75.1817

Rectangle

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



66.4338, 70.4646, 38.1166



54.6628, 70.4646, 50.7796



67.5181, 70.4646, 135.2468



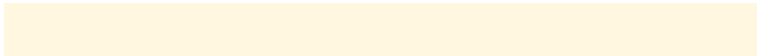
81.0085, 70.4646, 110.2731

Sweetspot

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



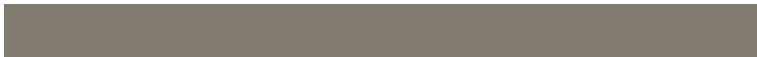
66.4356, 70.4679, 38.1180



88.0418, 93.2494, 84.1644



54.3895, 42.8908, 44.8467



18.6924, 19.8085, 17.4904



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.



66.4356, 70.4679, 38.1180



72.6597, 76.7941, 34.9242



66.1047, 80.1555, 40.0054



16.7576, 17.7284, 16.6884



28.5081, 27.8143, 3.8662



2.4512, 2.4732, 0.3482

Inverse Universe

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



42.8421, 42.1506, 89.0969



42.4776, 40.5897, 100.2035



42.9806, 36.0442, 87.9110



15.2288, 15.8917, 19.9864



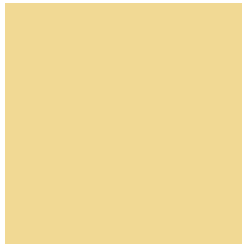
9.6412, 5.5066, 45.6826



0.8797, 0.6135, 3.8263

Previews

White Background



This preview shows how the XYZ color 66.4338, 70.4646, 38.1166 looks on a white background.

Color Contrast Check

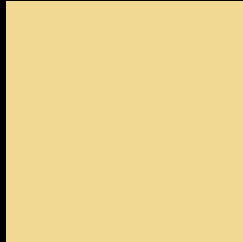
Large Text (above 18pt) WCAG AA × Fail

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 66.4338, 70.4646, 38.1166 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 66.4338, 70.4646, 38.1166

Background



This preview shows how black text looks on a background with the XYZ color 66.4338, 70.4646, 38.1166.



This preview shows how white text looks on a background with the XYZ color 66.4338, 70.4646,

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

66.4338, 70.4646, 38.1166

Protanopia

65.4213, 70.3173, 38.5583

Deuteranopia

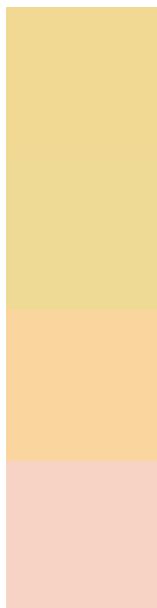
71.1451, 70.4929, 44.5071



Tritanopia

74.8343, 70.1472, 80.1166

Trichromacy



Original Color

66.4338, 70.4646, 38.1166

Protanomaly

65.7561, 70.4899, 38.5740

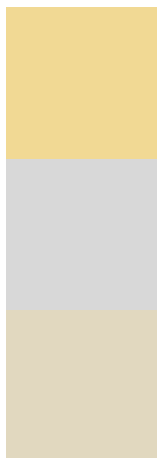
Deuteranomaly

69.3901, 70.3811, 42.2754

Tritanomaly

71.2641, 70.1669, 62.0121

Monochromacy



Original Color

66.4338, 70.4646, 38.1166

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0112, 68.8809, 59.1591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4338, 70.4646, 38.1166 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(241, 217, 148)` looks like.

```
.text, #text, p{  
    color:rgb(241, 217, 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(241, 217, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 217, 148) }
```

Border

The CSS property to change the border of an element to XYZ 66.4338, 70.4646, 38.1166 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(241, 217, 148) }
```


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

```
.border{ border-color:rgb(241, 217, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 217, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 217, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 217, 148); box-shadow:4px 4px 4px 4px rgb(241, 217, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4338, 70.4646, 38.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 217, 148) }
```

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

```
.background{ background-color: rgb(241,  
217, 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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