

Converting Colors

XYZ(66.4234, 69.6801, 38.8029)

Have a look what the booklet for
XYZ(66.4234, 69.6801, 38.8029)
contains.

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Color

**XYZ(66.4234, 69.6801,
38.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D796
RGB	242, 215, 150
RGB Percent	95%, 84%, 59%
CMY	0.0510, 0.1568, 0.4118
CMYK	0.00, 0.11, 0.38, 0.05
HSL	42°, 78%, 77%
HSV	42°, 38%, 95%
XYZ	66.4234, 69.6801, 38.8029
YIQ	215.6630, 36.9570, -14.4910

Conversions

Conversions Part 2

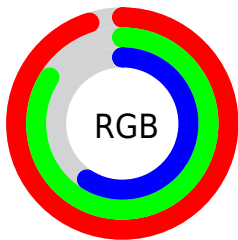
Format	Color
R_{YB}	188, 242, 150
Decimal	15914902
CIE _{Lab}	86.84, 0.43, 35.51
CIE _{LCh}	87, 35.516, 89.300
Yxy	69.6801, 0.3798, 0.3984
Android (android.graphics.Color)	4294104982 (0xFFFF2D796)
YUV	215.6630, -32.3719, 23.0975
Hunter-Lab	83.4746, -4.0424, 30.8715

Details

The XYZ color **66.4234, 69.6801, 38.8029** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.3264, 44.3378, 90.2262**, and the grayscale version is **65.2380, 68.6355, 74.7440**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **34.5426, 36.2138, 16.7246** is the 20% darker color. If you saturate the color by 10%, you get **62.9039, 65.4441, 28.9884**, and if you desaturate by 10%, it is **70.4273, 74.2405, 50.7657**.

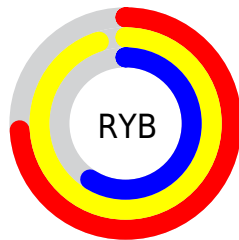
Distribution



Red (95%)

Green (84%)

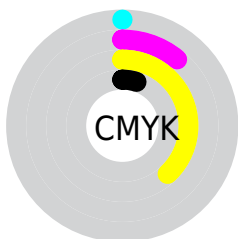
Blue (59%)



Red (74%)

Yellow (95%)

Blue (59%)

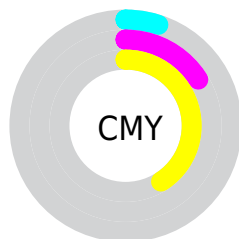


Cyan (0%)

Magenta (11%)

Yellow (38%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4234, 69.6801, 38.8029 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 66.4234, 69.6801, 38.8029 by changing the saturation by 10% instead.

66.4234, 69.6801,
38.8029

66.4234, 69.6801,
38.8029

437.3544,
459.4260, 356.4527

48.8852, 51.2658,
26.2998

113.1482,
118.7524, 74.5541

34.7426, 36.4202,
16.8203

143.0654,
150.1793, 98.6393

23.6302, 24.7589,
9.9458

177.8397,
186.7124, 127.4223

15.1828, 15.8975,
5.2579

217.8364,
228.7361, 161.3216

9.0349, 9.4517,
2.3380

263.4209,
276.6350, 200.7557

4.8213, 5.0369,
0.7524

314.9585,

2.1764, 2.2689,

330.7933, 246.1433

0.0000

372.8145,
391.5955, 297.9027

■ 0.7303, 0.7572,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4234, 69.6801,
38.8029

■ 66.4234, 69.6801,
38.8029

■ 62.9039, 65.4441,
28.9884

■ 70.4273, 74.2405,
50.7657

■ 59.8377, 61.5110,
21.1862

■ 74.9342, 79.1266,
64.9931

■ 57.1977, 57.8707,
15.2514

■ 79.9679, 84.3521,
81.5980

■ 54.9515, 54.5087,
11.0176

■ 85.5491, 89.9267,
100.6844

■ 53.0607, 51.4080,
8.2887

■ 89.0122, 94.7857,
108.2118

■ 51.4734, 48.5460,
6.7953

■ 90.4279, 97.6172,
108.6837

■ 51.1795, 48.0003,
6.5675

Harmonies

Analogous

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



74.6932, 69.6801, 43.0319



66.4234, 69.6801, 38.8029



58.7396, 69.6801, 42.6516

Triad

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



66.4234, 69.6801, 38.8029



53.2936, 69.6801, 100.4405



80.8818, 69.6801, 101.6074

Complementary

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



66.4234, 69.6801, 38.8029



44.3264, 44.3378, 90.2262

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.



74.3290, 69.6801, 122.9781



66.4234, 69.6801, 38.8029



58.4294, 69.6801, 122.2116

Square

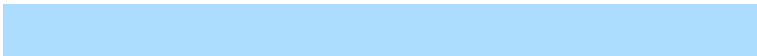
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4234, 69.6801, 38.8029



51.5520, 69.6801, 75.3145



66.0347, 69.6801, 131.1985



83.4563, 69.6801, 76.4278

Rectangle

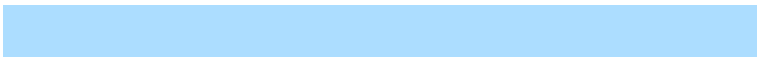
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4234, 69.6801, 38.8029



54.8781, 69.6801, 49.8540



66.0347, 69.6801, 131.1985



79.0458, 69.6801, 109.6521

Sweetspot

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



66.4251, 69.6833, 38.8043



88.2886, 93.1840, 85.9699



55.5206, 43.8890, 47.4552



18.7301, 19.7725, 17.8466



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.



66.4251, 69.6833, 38.8043



71.5520, 74.5788, 34.5550



67.8741, 81.4898, 41.0069



16.7084, 17.6300, 16.6720



27.6180, 26.0341, 3.5695



2.3832, 2.3370, 0.3255

Inverse Universe

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



44.3264, 44.3378, 90.2262



43.2566, 42.1477, 100.4632



43.1678, 36.5932, 88.7924



15.2752, 15.9845, 20.0018



9.9230, 6.0703, 45.7766



0.9084, 0.6709, 3.8358

Previews

White Background



This preview shows how the XYZ color 66.4234, 69.6801, 38.8029 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 66.4234, 69.6801, 38.8029 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 66.4234, 69.6801, 38.8029

Background



This preview shows how black text looks on a background with the XYZ color 66.4234, 69.6801, 38.8029.



This preview shows how white text looks on a background with the XYZ color 66.4234, 69.6801,

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

66.4234, 69.6801, 38.8029

Protanopia

64.6597, 69.5222, 39.2894

Deuteranopia

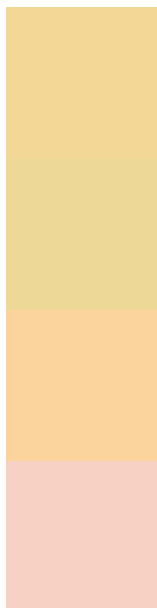
70.4735, 69.4341, 43.4060



Tritanopia

74.6805, 69.7405, 78.6324

Trichromacy



Original Color

66.4234, 69.6801, 38.8029

Protanomaly

65.4017, 69.5232, 39.2504

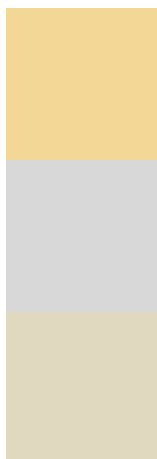
Deuteranomaly

68.8044, 69.3468, 41.6572

Tritanomaly

71.1220, 69.3606, 61.8640

Monochromacy



Original Color

66.4234, 69.6801, 38.8029

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1216, 68.9251, 59.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4234, 69.6801, 38.8029 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(242, 215, 150)` looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 150)  
}
```

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(242, 215, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 150) }
```

Border

The CSS property to change the border of an element to XYZ 66.4234, 69.6801, 38.8029 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(242, 215, 150) }
```


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

```
.border{ border-color:rgb(242, 215, 150) }
```

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

Here you see how a box with a 4 pixel rgb(242, 215, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 150);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4234, 69.6801, 38.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 150) }
```

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

```
.background{ background-color: rgb(242,  
215, 150) }
```

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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