

Converting Colors

$Yxy(66.4764, 0.4051, 0.4285)$

Have a look what the booklet for
Yxy(66.4764, 0.4051, 0.4285)
contains.

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Color

Yxy(66.7036, 0.4052, 0.4290)

Conversions

Conversions Part 1

Format	Color
Hex	F2D373
RGB	242, 211, 115
RGB Percent	95%, 83%, 45%
CMY	0.0511, 0.1725, 0.5489
CMYK	0.00, 0.13, 0.52, 0.05
HSL	45°, 83%, 70%
HSV	45°, 52%, 95%
XYZ	63.0030, 66.7036, 25.7796
YIQ	209.3250, 49.2920, -23.2840

Conversions

Conversions Part 2

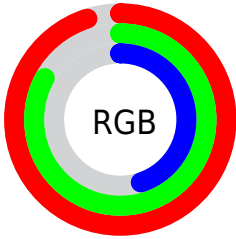
Format	Color
RYB	156, 242, 115
Decimal	15913843
CIELab	85.35, -0.91, 51.02
CIELCh	85, 51.028, 91.025
Yxy	66.7036, 0.4052, 0.4290
Android (android.graphics.Color)	4294103923 (0xFFFF2D373)
YUV	209.3250, -46.5022, 28.6560
Hunter-Lab	81.6723, -5.2293, 38.4559

Details

The Yxy color **66.7036, 0.4052, 0.4290** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.6109, 0.2194, 0.2012**, and the grayscale version is **64.2713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **34.5401, 0.4236, 0.4504** is the 20% darker color. If you saturate the color by 10%, you get **63.3412, 0.4232, 0.4442**, and if you desaturate by 10%, it is **70.3262, 0.3864, 0.4112**.

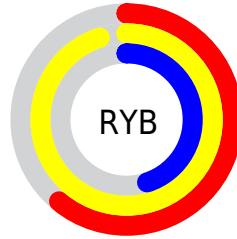
Distribution



Red (95%)

Green (83%)

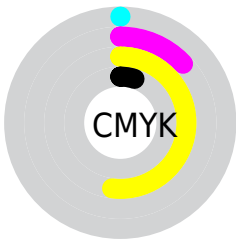
Blue (45%)



Red (61%)

Yellow (95%)

Blue (45%)

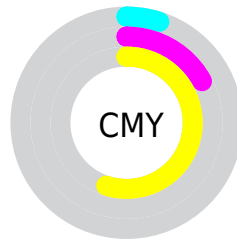


Cyan (0%)

Magenta (13%)

Yellow (52%)

Black (5%)



Cyan (5%)


Magenta (17%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7036, 0.4052, 0.4290 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 Yxy color 66.7036, 0.4052, 0.4290 by changing the saturation by 10% instead.

 66.7036, 0.4052,
0.4290


 66.7036, 0.4052,
0.4290


448.8890, 0.3636,
0.3839

 48.8438, 0.4139,
0.4385

 114.4956, 0.3913,
0.4139

 34.4956, 0.4241,
0.4497


 145.1966, 0.3857,
0.4078

 23.2746, 0.4361,
0.4629


 180.9467, 0.3809,
0.4025

 14.7964, 0.4497,
0.4781

222.1305, 0.3766,
0.3979

 8.6766, 0.4650,
0.4953

269.1322, 0.3728,
0.3938

 4.5309, 0.4835,
0.5165

322.3362, 0.3694,

 1.9747, 0.4822,

0.3901

0.5178

382.1270, 0.3664,
0.3868

■ 0.5927, 0.4772,
0.5228

■ 0.0000, 0.0000,
0.0000

■ 66.7036, 0.4052,
0.4290

■ 66.7036, 0.4052,
0.4290

■ 63.3412, 0.4232,
0.4442

■ 70.3262, 0.3864,
0.4112

■ 60.2167, 0.4397,
0.4558


■ 74.2111, 0.3676,
0.3920

■ 57.3186, 0.4537,
0.4629

■ 78.3721, 0.3495,
0.3722


■ 54.6295, 0.4647,
0.4651


■ 82.8190, 0.3323,
0.3525

 52.7223, 0.4712,
0.4641

 87.5609, 0.3164,
0.3335

 92.2664, 0.3049,
0.3206

 95.9229, 0.3048,
0.3264

 97.6140, 0.3047,
0.3290

Harmonies

Analogous

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



66.7036, 0.4361, 0.3890



66.7036, 0.4052, 0.4290



66.7036, 0.3510, 0.4449

Triad

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



66.7036, 0.4052, 0.4290



66.7036, 0.2067, 0.2984



66.7036, 0.3270, 0.2569

Complementary

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



66.7036, 0.4052, 0.4290



30.6109, 0.2194, 0.2012

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.



66.7036, 0.2659, 0.2347



66.7036, 0.4052, 0.4290



66.7036, 0.2019, 0.2530

Square

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



66.7036, 0.4052, 0.4290



66.7036, 0.2372, 0.3622



66.7036, 0.2222, 0.2323



66.7036, 0.3899, 0.2945

Rectangle

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



66.7036, 0.4052, 0.4290



66.7036, 0.3097, 0.4335



66.7036, 0.2222, 0.2323



66.7036, 0.3054, 0.2476

Sweetspot

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



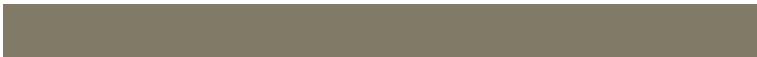
66.7067, 0.4052, 0.4290



91.4589, 0.3383, 0.3595



33.2394, 0.4261, 0.2951



19.3541, 0.3419, 0.3636



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7067, 0.4052, 0.4290



71.0900, 0.4245, 0.4452



78.4688, 0.3658, 0.4668



17.7676, 0.3274, 0.3468



28.5524, 0.4702, 0.4649



2.5292, 0.4620, 0.4713

Inverse Universe

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



30.6109, 0.2194, 0.2012



26.5409, 0.2000, 0.1704



24.8569, 0.2339, 0.1703



15.8549, 0.2980, 0.3106



5.3044, 0.1577, 0.0877



0.5922, 0.1645, 0.1121

Previews

White Background



This preview shows how the Yxy color 66.7036, 0.4052, 0.4290 looks on a white background.

Color Contrast Check

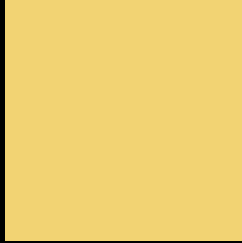
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 66.7036, 0.4052, 0.4290 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](#).

Yxy 66.7036, 0.4052, 0.4290

Background



This preview shows how black text looks on a background with the Yxy color 66.7036, 0.4052, 0.4290.



This preview shows how white text looks on a background with the Yxy color 66.7036, 0.4052, 0.4290.

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

66.7036, 0.4052, 0.4290

Protanopia

67.0163, 0.3973, 0.4332

Deuteranopia

66.6719, 0.4054, 0.4008



Tritanopia

66.7241, 0.3417, 0.3136

Trichromacy



Original Color

66.7036, 0.4052, 0.4290

Protanomaly

67.0266, 0.4003, 0.4313

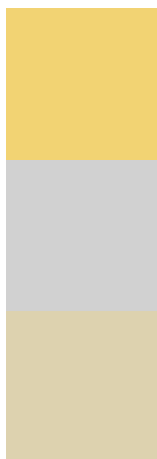
Deuteranomaly

66.5082, 0.4053, 0.4107

Tritanomaly

66.3969, 0.3666, 0.3556

Monochromacy



Original Color

66.7036, 0.4052, 0.4290

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5605, 0.3463, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7036, 0.4052, 0.4290 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, 211, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 115)  
}
```

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, 211, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 115) }
```

Border

The CSS property to change the border of an element to Yxy 66.7036, 0.4052, 0.4290 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, 211, 115) }
```

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

```
.border{ border-color:rgb(242, 211, 115) }
```

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

Here you see how a box with a 4 pixel rgb(242, 211, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 115);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7036, 0.4052, 0.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 115) }
```

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

```
.background{ background-color: rgb(242,  
211, 115) }
```

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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