

Converting Colors

Yxy(50.6152, 0.4762, 0.4313)

Have a look what the booklet for
Yxy(50.6152, 0.4762, 0.4313)
contains.

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Color

Yxy(50.6932, 0.4766, 0.4312)

Conversions

Conversions Part 1

Format	Color
Hex	FDAC3A
RGB	253, 172, 58
RGB Percent	99%, 67%, 23%
CMY	0.0078, 0.3255, 0.7724
CMYK	0.00, 0.32, 0.77, 0.01
HSL	35°, 98%, 61%
HSV	35°, 77%, 99%
XYZ	56.0306, 50.6932, 10.8393
YIQ	183.2230, 84.8700, -18.2820

Conversions

Conversions Part 2

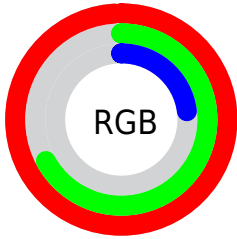
Format	Color
RYB	197, 253, 58
Decimal	16624698
CIELab	76.49, 20.57, 66.78
CIELCh	76, 69.873, 72.882
Yxy	50.6932, 0.4766, 0.4312
Android (android.graphics.Color)	4294814778 (0xFFFDAC3A)
YUV	183.2230, -61.7349, 61.1944
Hunter-Lab	71.1992, 15.8730, 40.8131

Details

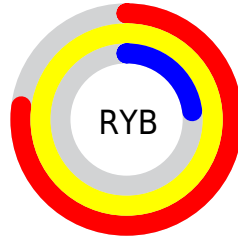
The Yxy color **50.6932, 0.4766, 0.4312** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **26.4773, 0.1893, 0.1745**, and the grayscale version is **47.7973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3904, 0.4076, 0.4401**, and **24.5093, 0.5040, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **46.6532, 0.4970, 0.4325**, and if you desaturate by 10%, it is **55.1814, 0.4536, 0.4248**.

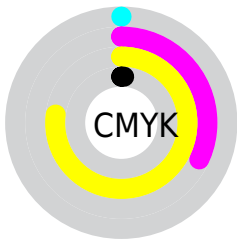
Distribution



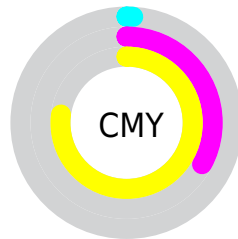
- Red (99%)
- Green (67%)
- Blue (23%)



- Red (77%)
- Yellow (99%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (77%)
- Black (1%)




- Cyan (1%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6932, 0.4766, 0.4312 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 50.6932, 0.4766, 0.4312 by changing the saturation by 10% instead.


 50.6932, 0.4766,
0.4312

 50.6932, 0.4766,
0.4312


389.3706, 0.4013,
0.3907

 35.9645, 0.4918,
0.4371


 91.2011, 0.4517,
0.4195

 24.4068, 0.5090,
0.4423


 117.7491, 0.4415,
0.4142


 15.6356, 0.5279,
0.4454


 149.0057, 0.4327,
0.4094

 9.2667, 0.5524,
0.4476

 185.3552, 0.4248,
0.4049

 4.9155, 0.5667,
0.4333

 227.1820, 0.4179,
0.4009

 2.1978, 0.5891,
0.4109

274.8706, 0.4117,

 0.7188, 0.6319,

0.3972

0.3681

328.8054, 0.4062,
0.3938

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6932, 0.4766,
0.4312

50.6932, 0.4766,
0.4312

46.6532, 0.4970,
0.4325

55.1814, 0.4536,
0.4248

43.0255, 0.5139,
0.4284

60.1335, 0.4294,
0.4143

42.0279, 0.5185,
0.4265

65.5728, 0.4053,
0.4009

71.5180, 0.3823,
0.3858

■ 77.9867, 0.3608,
0.3701

■ 84.9952, 0.3413,
0.3544

■ 92.5590, 0.3239,
0.3392

99.6264, 0.3115,
0.3290

Harmonies

Analogous

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



50.6932, 0.4980, 0.3647



50.6932, 0.4766, 0.4312



50.6932, 0.4118, 0.4883

Triad

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



50.6932, 0.4766, 0.4312



50.6932, 0.1817, 0.3354



50.6932, 0.2752, 0.2065

Complementary

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



50.6932, 0.4766, 0.4312



26.4773, 0.1893, 0.1745

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.



50.6932, 0.2038, 0.1912



50.6932, 0.4766, 0.4312



50.6932, 0.1569, 0.2493

Square

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



50.6932, 0.4766, 0.4312



50.6932, 0.2418, 0.4409



50.6932, 0.1648, 0.2032



50.6932, 0.3708, 0.2451

Rectangle

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



50.6932, 0.4766, 0.4312



50.6932, 0.3558, 0.5053



50.6932, 0.1648, 0.2032



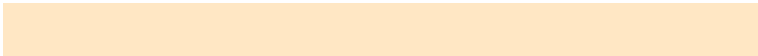
50.6932, 0.2479, 0.1986

Sweetspot

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



50.6958, 0.4766, 0.4312



82.2054, 0.3527, 0.3637



25.7887, 0.4692, 0.2591



17.0554, 0.3599, 0.3694



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.



50.6958, 0.4766, 0.4312



45.5997, 0.5059, 0.4311



88.5342, 0.4005, 0.5012



19.7512, 0.3280, 0.3429



22.6479, 0.5164, 0.4281



2.4209, 0.5023, 0.4394

Inverse Universe

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



26.4773, 0.1893, 0.1745



20.3033, 0.1743, 0.1426



11.5904, 0.1730, 0.0908



18.6178, 0.2979, 0.3147



9.4331, 0.1696, 0.1305



1.1281, 0.1758, 0.1527

Previews

White Background



This preview shows how the Yxy color 50.6932, 0.4766, 0.4312 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 50.6932, 0.4766, 0.4312 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 50.6932, 0.4766, 0.4312

Background



This preview shows how black text looks on a background with the Yxy color 50.6932, 0.4766, 0.4312.



This preview shows how white text looks on a background with the Yxy color 50.6932, 0.4766, 0.4312.

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

50.6932, 0.4766, 0.4312

Protanopia

50.7511, 0.4240, 0.4654

Deuteranopia

50.5206, 0.4583, 0.4475



Tritanopia

50.5104, 0.3898, 0.3176

Trichromacy



Original Color

50.6932, 0.4766, 0.4312

Protanomaly

50.5348, 0.4433, 0.4530

Deuteranomaly

50.3909, 0.4656, 0.4410

Tritanomaly

50.0092, 0.4280, 0.3648

Monochromacy



Original Color

50.6932, 0.4766, 0.4312

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4851, 0.3739, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6932, 0.4766, 0.4312 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(253, 172, 58)` looks like.

```
.text, #text, p{  
    color:rgb(253, 172, 58)  
}
```

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(253, 172, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 172, 58) }
```

Border

The CSS property to change the border of an element to Yxy 50.6932, 0.4766, 0.4312 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(253, 172, 58) }
```

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

```
.border{ border-color:rgb(253, 172, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 172, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 172, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 172, 58);  
box-shadow:4px 4px 4px 4px rgb(253, 172,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6932, 0.4766, 0.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 172, 58) }
```

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

```
.background{ background-color: rgb(253,  
172, 58) }
```

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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