

Converting Colors

Yxy(54.2860, 0.4399, 0.4189)

Have a look what the booklet for
Yxy(54.2860, 0.4399, 0.4189)
contains.

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Color

Yxy(54.2860, 0.4399, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	F6B75F
RGB	246, 183, 95
RGB Percent	96%, 72%, 37%
CMY	0.0353, 0.2823, 0.6275
CMYK	0.00, 0.26, 0.61, 0.04
HSL	35°, 89%, 67%
HSV	35°, 61%, 96%
XYZ	57.0074, 54.2860, 18.2984
YIQ	191.8050, 65.7960, -14.0120

Conversions

Conversions Part 2

Format	Color
R _Y B	203, 246, 95
Decimal	16168799
CIE Lab	78.63, 13.78, 52.78
CIE LCh	79, 54.553, 75.363
Yxy	54.2860, 0.4399, 0.4189
Android (android.graphics.Color)	4294358879 (0xFFFF6B75F)
YUV	191.8050, -47.7249, 47.5290
Hunter-Lab	73.6790, 9.1719, 36.8505

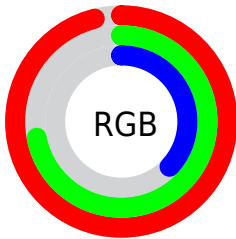
Details

The Yxy color **54.2860, 0.4399, 0.4189** is a light color, and the websafe version is hex **FFCC66**.

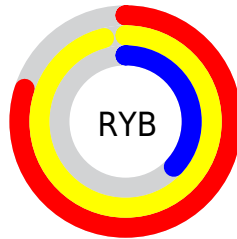
The color can be described as light muted orange. A complement of this color would be **33.5415, 0.2112, 0.2109**, and the grayscale version is **52.8490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1311, 0.3816, 0.4195**, and **26.5788, 0.4688, 0.4346** is the 20% darker color. If you saturate the color by 10%, you get **49.8286, 0.4638, 0.4278**, and if you desaturate by 10%, it is **59.1987, 0.4156, 0.4066**.

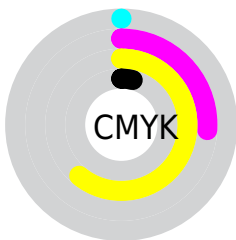
Distribution



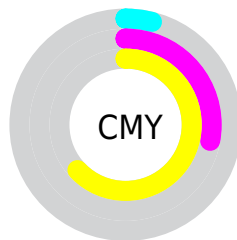
- Red (96%)
- Green (72%)
- Blue (37%)



- Red (80%)
- Yellow (96%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (61%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2860, 0.4399, 0.4189 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 54.2860, 0.4399, 0.4189 by changing the saturation by 10% instead.


 54.2860, 0.4399,
0.4189


 54.2860, 0.4399,
0.4189


403.1997, 0.3801,
0.3798

 38.8304, 0.4529,
0.4264


 96.4940, 0.4195,
0.4063

 26.6278, 0.4684,
0.4345


 124.0152, 0.4114,
0.4011

 17.2939, 0.4867,
0.4430


 156.3271, 0.4044,
0.3965

 10.4442, 0.5079,
0.4505

 193.8139, 0.3983,
0.3924

 5.6945, 0.5391,
0.4609

236.8602, 0.3929,
0.3887

 2.6602, 0.5533,
0.4467

285.8504, 0.3881,

 0.9570, 0.5782,

0.3855

0.4218

341.1687, 0.3839,
0.3825

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2860, 0.4399,
0.4189

54.2860, 0.4399,
0.4189

49.8286, 0.4638,
0.4278

59.1987, 0.4156,
0.4066

45.7982, 0.4859,
0.4321

64.5772, 0.3920,
0.3922

42.1741, 0.5050,
0.4311


70.4409, 0.3698,
0.3767


39.3501, 0.5188,
0.4263

76.8057, 0.3495,
0.3610

 83.6863, 0.3312,
0.3456

 91.0969, 0.3148,
0.3310

 98.2398, 0.3072,
0.3288

 98.3345, 0.3072,
0.3290

Harmonies

Analogous

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



54.2860, 0.4564, 0.3668



54.2860, 0.4399, 0.4189



54.2860, 0.3892, 0.4563

Triad

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



54.2860, 0.4399, 0.4189



54.2860, 0.2071, 0.3297



54.2860, 0.2904, 0.2326

Complementary

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



54.2860, 0.4399, 0.4189



33.5415, 0.2112, 0.2109

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.



54.2860, 0.2307, 0.2187



54.2860, 0.4399, 0.4189



54.2860, 0.1874, 0.2651

Square

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



54.2860, 0.4399, 0.4189



54.2860, 0.2547, 0.4061



54.2860, 0.1957, 0.2282



54.2860, 0.3644, 0.2661

Rectangle

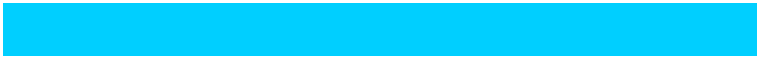
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.2860, 0.4399, 0.4189



54.2860, 0.3447, 0.4618



54.2860, 0.1957, 0.2282



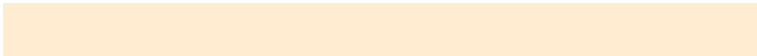
54.2860, 0.2681, 0.2256

Sweetspot

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



54.2887, 0.4399, 0.4189



85.7726, 0.3431, 0.3558



30.3314, 0.4195, 0.2624



17.9040, 0.3486, 0.3603



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.



54.2887, 0.4399, 0.4189



52.8134, 0.4701, 0.4295



84.5664, 0.3918, 0.4760



18.0871, 0.3279, 0.3428



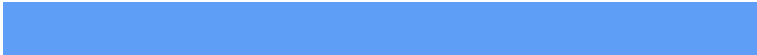
21.2853, 0.5167, 0.4279



2.0735, 0.5011, 0.4403

Inverse Universe

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



33.5415, 0.2112, 0.2109



28.6488, 0.1932, 0.1817



17.8450, 0.1987, 0.1335



17.0628, 0.2980, 0.3148



8.9531, 0.1698, 0.1313



0.9850, 0.1766, 0.1558

Previews

White Background



This preview shows how the Yxy color 54.2860, 0.4399, 0.4189 looks on a white background.

Color Contrast Check

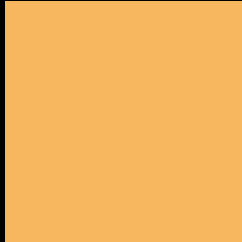
Large Text (above 18pt) WCAG AA × Fail

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 54.2860, 0.4399, 0.4189 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 54.2860, 0.4399, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 54.2860, 0.4399, 0.4189.



This preview shows how white text looks on a background with the Yxy color 54.2860, 0.4399, 0.4189.

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

54.2860, 0.4399, 0.4189

Protanopia

54.3781, 0.4020, 0.4391

Deuteranopia

54.4512, 0.4332, 0.4249



Tritanopia

54.3150, 0.3735, 0.3155

Trichromacy



Original Color

54.2860, 0.4399, 0.4189

Protanomaly

54.3122, 0.4149, 0.4317

Deuteranomaly

54.3833, 0.4357, 0.4232

Tritanomaly

54.0682, 0.3998, 0.3549

Monochromacy



Original Color

54.2860, 0.4399, 0.4189

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8266, 0.3581, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2860, 0.4399, 0.4189 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, 183, 95)` looks like.

```
.text, #text, p{  
    color:rgb(246, 183, 95)  
}
```

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, 183, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 183, 95) }
```

Border

The CSS property to change the border of an element to Yxy 54.2860, 0.4399, 0.4189 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, 183, 95) }
```

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

```
.border{ border-color:rgb(246, 183, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 183, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 183, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 183, 95);  
box-shadow:4px 4px 4px 4px rgb(246, 183,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2860, 0.4399, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 183, 95) }
```

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

```
.background{ background-color: rgb(246,  
183, 95) }
```

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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