

Converting Colors

$Y_{xy}(59.4643, 0.4276, 0.4045)$

Have a look what the booklet for
Yxy(59.4643, 0.4276, 0.4045)
contains.

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Color

Yxy(59.3479, 0.4278, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE74
RGB	255, 190, 116
RGB Percent	100%, 75%, 45%
CMY	0.0000, 0.2549, 0.5451
CMYK	0.00, 0.25, 0.55, 0.00
HSL	32°, 100%, 73%
HSV	32°, 55%, 100%
XYZ	62.8130, 59.3479, 24.6671
YIQ	200.9990, 62.4940, -9.2340

Conversions

Conversions Part 2

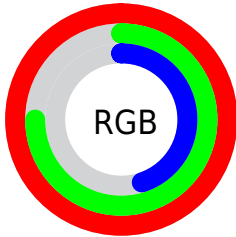
Format	Color
R_{YB}	238, 255, 116
Decimal	16760436
CIE _{Lab}	81.48, 15.34, 46.15
CIE _{LCh}	81, 48.632, 71.618
Yxy	59.3479, 0.4278, 0.4042
Android (android.graphics.Color)	4294950516 (0xFFFFBE74)
YUV	200.9990, -41.9045, 47.3589
Hunter-Lab	77.0376, 10.7252, 34.9419

Details

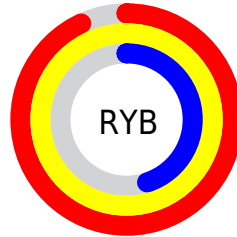
The Yxy color **59.3479, 0.4278, 0.4042** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.9828, 0.2238, 0.2356**, and the grayscale version is **58.6410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0361, 0.3664, 0.4055**, and **29.8751, 0.4542, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **53.8754, 0.4542, 0.4145**, and if you desaturate by 10%, it is **65.4018, 0.4022, 0.3915**.

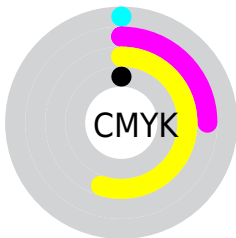
Distribution



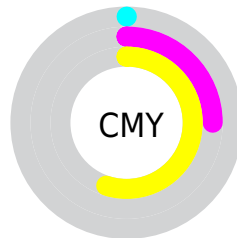
- Red (100%)
- Green (75%)
- Blue (45%)



- Red (93%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3479, 0.4278, 0.4042 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 59.3479, 0.4278, 0.4042 by changing the saturation by 10% instead.


 59.3479, 0.4278,
0.4042


 59.3479, 0.4278,
0.4042

422.1900, 0.3736,
0.3715


 42.8932, 0.4399,
0.4106


 103.8831, 0.4091,
0.3936

 29.8014, 0.4545,
0.4179


 132.7325, 0.4018,
0.3892

 19.6879, 0.4723,
0.4259


 166.4822, 0.3955,
0.3854

 12.1684, 0.4939,
0.4340

205.5167, 0.3900,
0.3820

 6.8584, 0.5216,
0.4418

250.2203, 0.3851,
0.3789

 3.3737, 0.5551,
0.4449


300.9774, 0.3809,

 1.3298, 0.5780,


0.3762

0.4220

358.1725, 0.3770,
0.3738

 0.1641, 0.7637,
0.2363

 0.0000, 0.0000,
0.0000


 59.3479, 0.4278,
0.4042


 59.3479, 0.4278,
0.4042


 53.8754, 0.4542,
0.4145

 65.4018, 0.4022,
0.3915


 48.9667, 0.4801,
0.4209

 72.0653, 0.3782,
0.3774

 44.5935, 0.5040,
0.4224

 79.3564, 0.3564,
0.3629

 40.7253, 0.5243,
0.4183

 87.2946, 0.3370,
0.3486

38.7970, 0.5339,
0.4142

95.8979, 0.3198,
0.3349

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



59.3479, 0.4365, 0.3580



59.3479, 0.4278, 0.4042



59.3479, 0.3873, 0.4374

Triad

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



59.3479, 0.4278, 0.4042



59.3479, 0.2243, 0.3386



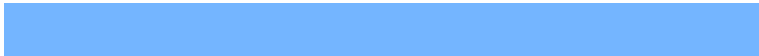
59.3479, 0.2863, 0.2412

Complementary

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



59.3479, 0.4278, 0.4042



43.9828, 0.2238, 0.2356

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.



59.3479, 0.2357, 0.2315



59.3479, 0.4278, 0.4042



59.3479, 0.2030, 0.2802

Square

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



59.3479, 0.4278, 0.4042



59.3479, 0.2695, 0.4020



59.3479, 0.2071, 0.2436



59.3479, 0.3498, 0.2692

Rectangle

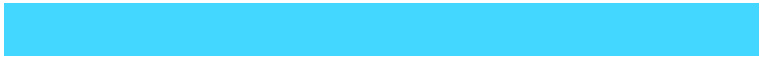
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3479, 0.4278, 0.4042



59.3479, 0.3495, 0.4437



59.3479, 0.2071, 0.2436



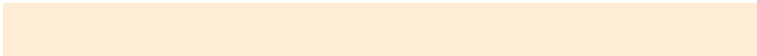
59.3479, 0.2673, 0.2357

Sweetspot

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



59.3458, 0.4278, 0.4042



86.0698, 0.3397, 0.3507



37.1774, 0.3938, 0.2612



18.0655, 0.3436, 0.3536



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.



59.3458, 0.4278, 0.4042



53.6218, 0.4555, 0.4149



93.6042, 0.3901, 0.4604



19.5883, 0.3281, 0.3417



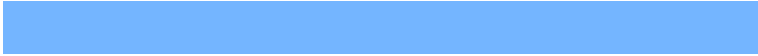
20.5742, 0.5316, 0.4161



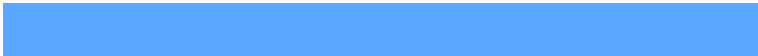
2.2221, 0.5153, 0.4291

Inverse Universe

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



43.9828, 0.2238, 0.2356



36.9076, 0.2083, 0.2137



23.5846, 0.2081, 0.1543



18.7783, 0.2979, 0.3160



10.9908, 0.1741, 0.1467



1.2865, 0.1800, 0.1681

Previews

White Background



This preview shows how the Yxy color 59.3479, 0.4278, 0.4042 looks on a white background.

Color Contrast Check

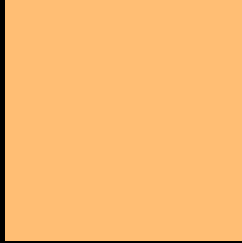
Large Text (above 18pt) WCAG AA × Fail

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 59.3479, 0.4278, 0.4042 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 59.3479, 0.4278, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 59.3479, 0.4278, 0.4042.



This preview shows how white text looks on a background with the Yxy color 59.3479, 0.4278, 0.4042.

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

59.3479, 0.4278, 0.4042

Protanopia

59.6219, 0.3889, 0.4221

Deuteranopia

59.1519, 0.4199, 0.4104



Tritanopia

59.4811, 0.3644, 0.3177

Trichromacy



Original Color

59.3479, 0.4278, 0.4042

Protanomaly

59.2125, 0.4031, 0.4155

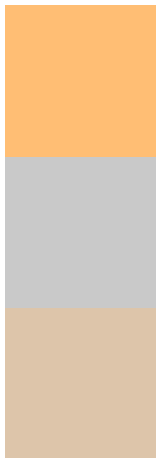
Deuteranomaly

59.2611, 0.4231, 0.4085

Tritanomaly

59.1310, 0.3890, 0.3502

Monochromacy



Original Color

59.3479, 0.4278, 0.4042

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2069, 0.3532, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3479, 0.4278, 0.4042 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(255, 190, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 116)  
}
```

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(255, 190, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 116) }
```

Border

The CSS property to change the border of an element to Yxy 59.3479, 0.4278, 0.4042 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(255, 190, 116) }
```

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

```
.border{ border-color:rgb(255, 190, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3479, 0.4278, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 116) }
```

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

```
.background{ background-color: rgb(255,  
190, 116) }
```

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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