

Converting Colors

$Yxy(60.4078, 0.4204, 0.4117)$

Have a look what the booklet for
Yxy(60.4078, 0.4204, 0.4117)
contains.

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Color

Yxy(60.4078, 0.4204, 0.4117)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F9C373 |
| RGB | 249, 195, 115 |
| RGB Percent | 98%, 76%, 45% |
| CMY | 0.0234, 0.2353, 0.5489 |
| CMYK | 0.00, 0.22, 0.54, 0.02 |
| HSL | 36°, 92%, 71% |
| HSV | 36°, 54%, 98% |
| XYZ | 61.6843, 60.4078, 24.6356 |
| YIQ | 202.0260, 57.8640, -13.4320 |

Conversions

Conversions Part 2

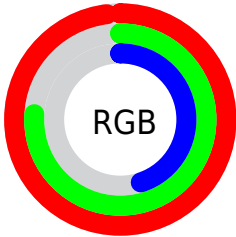
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 205, 249, 115 |
| Decimal | 16368499 |
| CIE _{Lab} | 82.06, 10.22, 47.20 |
| CIE _{LCh} | 82, 48.293, 77.776 |
| Yxy | 60.4078, 0.4204, 0.4117 |
| Android (android.graphics.Color) | 4294558579 (0xFFFF9C373) |
| YUV | 202.0260, -42.9038, 41.1962 |
| Hunter-Lab | 77.7225, 5.6520, 35.6126 |

Details

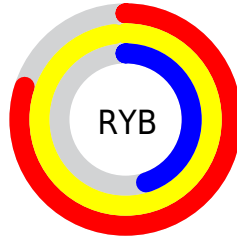
The Yxy color **60.4078, 0.4204, 0.4117** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.8844, 0.2226, 0.2256**, and the grayscale version is **59.3296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0815, 0.3655, 0.4109**, and **30.3671, 0.4457, 0.4271** is the 20% darker color. If you saturate the color by 10%, you get **55.5633, 0.4442, 0.4236**, and if you desaturate by 10%, it is **65.7155, 0.3970, 0.3974**.

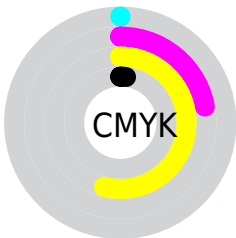
Distribution



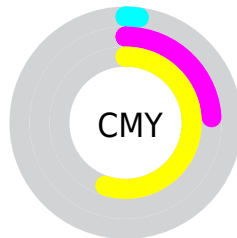
- Red (98%)
- Green (76%)
- Blue (45%)



- Red (80%)
- Yellow (98%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (2%)




- Cyan (2%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4078, 0.4204, 0.4117 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 60.4078, 0.4204, 0.4117 by changing the saturation by 10% instead.


 60.4078, 0.4204,
0.4117

 60.4078, 0.4204,
0.4117


426.0993, 0.3702,
0.3751


 43.7474, 0.4315,
0.4192

 105.4210, 0.4032,
0.3996

 30.4720, 0.4448,
0.4277


 134.5426, 0.3964,
0.3947

 20.1971, 0.4608,
0.4375


 168.5868, 0.3905,
0.3904

 12.5384, 0.4801,
0.4479

207.9378, 0.3854,
0.3866

 7.1115, 0.5043,
0.4592

252.9802, 0.3809,
0.3832

 3.5319, 0.5326,
0.4674

304.0983, 0.3769,

 1.4153, 0.5480,

0.3802

0.4520

361.6766, 0.3734,
0.3775

0.2280, 0.6716,
0.3284

0.0000, 0.0000,
0.0000

60.4078, 0.4204,
0.4117

60.4078, 0.4204,
0.4117

55.5633, 0.4442,
0.4236

65.7155, 0.3970,
0.3974

51.1547, 0.4671,
0.4317

71.4949, 0.3747,
0.3817

47.1639, 0.4879,
0.4350

77.7646, 0.3541,
0.3657

43.5666, 0.5054,
0.4330

84.5396, 0.3354,
0.3498

41.5177, 0.5148,
0.4295

91.8339, 0.3186,
0.3346

98.8843, 0.3090,
0.3290

Harmonies

Analogous

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



60.4078, 0.4362, 0.3676



60.4078, 0.4204, 0.4117



60.4078, 0.3757, 0.4397

Triad

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



60.4078, 0.4204, 0.4117



60.4078, 0.2190, 0.3255



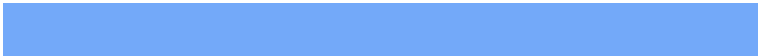
60.4078, 0.2989, 0.2465

Complementary

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



60.4078, 0.4204, 0.4117



38.8844, 0.2226, 0.2256

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.



60.4078, 0.2453, 0.2329



60.4078, 0.4204, 0.4117



60.4078, 0.2030, 0.2714

Square

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



60.4078, 0.4204, 0.4117



60.4078, 0.2593, 0.3892



60.4078, 0.2122, 0.2403



60.4078, 0.3623, 0.2774

Rectangle

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



60.4078, 0.4204, 0.4117



60.4078, 0.3368, 0.4406



60.4078, 0.2122, 0.2403



60.4078, 0.2792, 0.2398

Sweetspot

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



60.4107, 0.4204, 0.4117



87.5945, 0.3393, 0.3533



35.3466, 0.4030, 0.2711



18.4292, 0.3431, 0.3565



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.



60.4107, 0.4204, 0.4117



58.0237, 0.4471, 0.4248



87.1577, 0.3828, 0.4621



18.9480, 0.3279, 0.3431



22.5048, 0.5128, 0.4310



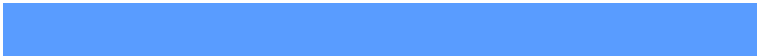
2.2921, 0.4986, 0.4423

Inverse Universe

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



38.8844, 0.2226, 0.2256



33.1607, 0.2048, 0.1992



23.5588, 0.2154, 0.1592



17.7919, 0.2979, 0.3145



8.8418, 0.1686, 0.1270



1.0206, 0.1751, 0.1504

Previews

White Background



This preview shows how the Yxy color 60.4078, 0.4204, 0.4117 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 60.4078, 0.4204, 0.4117 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 60.4078, 0.4204, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 60.4078, 0.4204, 0.4117.



This preview shows how white text looks on a background with the Yxy color 60.4078, 0.4204, 0.4117.

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

60.4078, 0.4204, 0.4117

Protanopia

60.3410, 0.3921, 0.4255

Deuteranopia

60.4078, 0.4204, 0.4117



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.4078, 0.4204, 0.4117

Protanomaly

60.3813, 0.4020, 0.4207

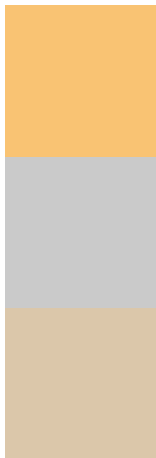
Deuteranomaly

60.4078, 0.4204, 0.4117

Tritanomaly

60.1050, 0.3845, 0.3514

Monochromacy



Original Color

60.4078, 0.4204, 0.4117

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8092, 0.3510, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4078, 0.4204, 0.4117 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(249, 195, 115)` looks like.

```
.text, #text, p{  
    color:rgb(249, 195, 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(249, 195, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 195, 115) }
```

Border

The CSS property to change the border of an element to Yxy 60.4078, 0.4204, 0.4117 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(249, 195, 115) }
```

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

```
.border{ border-color:rgb(249, 195, 115) }
```

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

Here you see how a box with a 4 pixel rgb(249, 195, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 195, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 195, 115);  
box-shadow:4px 4px 4px 4px rgb(249, 195,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4078, 0.4204, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 195, 115) }
```

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

```
.background{ background-color: rgb(249,  
195, 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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