

Converting Colors

$Y_{xy}(75.2173, 0.4816, 0.3649)$

Have a look what the booklet for
Yxy(75.2173, 0.4816, 0.3649)
contains.

Yxy(56.0012, 0.4197, 0.3791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.0012, 0.4197, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	FFB585
RGB	255, 181, 133
RGB Percent	100%, 71%, 52%
CMY	0.0000, 0.2902, 0.4785
CMYK	0.00, 0.29, 0.48, 0.00
HSL	24°, 100%, 76%
HSV	24°, 48%, 100%
XYZ	61.9987, 56.0012, 29.7216
YIQ	197.6540, 59.5120, 0.7600

Conversions

Conversions Part 2

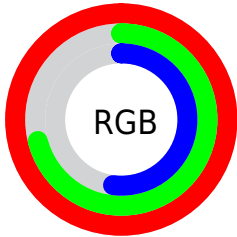
Format	Color
R _Y B	255, 212, 133
Decimal	16758149
CIE Lab	79.61, 21.50, 35.11
CIE LCh	80, 41.172, 58.525
Yxy	56.0012, 0.4197, 0.3791
Android (android.graphics.Color)	4294948229 (0xFFFFB585)
YUV	197.6540, -31.8744, 50.2924
Hunter-Lab	74.8339, 16.9249, 28.8357

Details

The Yxy color **56.0012, 0.4197, 0.3791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.8150, 0.2385, 0.2708**, and the grayscale version is **56.4196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4162, 0.3575, 0.3793**, and **27.6650, 0.4458, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **49.4374, 0.4509, 0.3879**, and if you desaturate by 10%, it is **63.4358, 0.3913, 0.3688**.

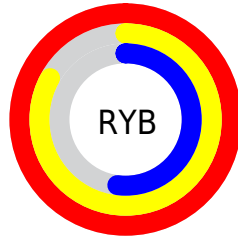
Distribution



Red (100%)

Green (71%)

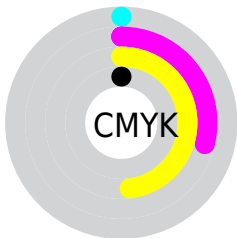
Blue (52%)



Red (100%)

Yellow (83%)

Blue (52%)

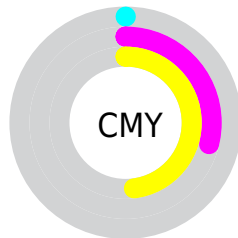


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0012, 0.4197, 0.3791 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 56.0012, 0.4197, 0.3791 by changing the saturation by 10% instead.

 56.0012, 0.4197,
0.3791


 56.0012, 0.4197,
0.3791

409.6960, 0.3679,
0.3575


 40.2039, 0.4318,
0.3834


 99.0063, 0.4014,
0.3721

 27.6975, 0.4469,
0.3882


 126.9829, 0.3944,
0.3692

 18.0978, 0.4660,
0.3935


 159.7881, 0.3884,
0.3666

 11.0202, 0.4905,
0.3989

197.8062, 0.3831,
0.3644

 6.0804, 0.5227,
0.4029

241.4217, 0.3786,
0.3624

 2.8941, 0.5848,
0.4152

291.0189, 0.3746,

 1.0767, 0.6184,

0.3606

0.3816

346.9822, 0.3711,
0.3589

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0012, 0.4197,
0.3791

56.0012, 0.4197,
0.3791

49.4374, 0.4509,
0.3879

63.4358, 0.3913,
0.3688

43.7064, 0.4837,
0.3939

71.7715, 0.3662,
0.3580

38.7709, 0.5163,
0.3958

81.0403, 0.3443,
0.3471

34.5887, 0.5458,
0.3925

91.2716, 0.3255,
0.3367

■ 31.1101, 0.5700,
0.3839

100.0000, 0.3127,
0.3290

■ 30.4455, 0.5748,
0.3818

Harmonies

Analogous

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



56.0012, 0.4123, 0.3370



56.0012, 0.4197, 0.3791



56.0012, 0.3962, 0.4136

Triad

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



56.0012, 0.4197, 0.3791



56.0012, 0.2511, 0.3622



56.0012, 0.2687, 0.2459

Complementary

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



56.0012, 0.4197, 0.3791



56.8150, 0.2385, 0.2708

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.



56.0012, 0.2318, 0.2458



56.0012, 0.4197, 0.3791



56.0012, 0.2221, 0.3079

Square

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



56.0012, 0.4197, 0.3791



56.0012, 0.2978, 0.4092



56.0012, 0.2157, 0.2665



56.0012, 0.3207, 0.2640

Rectangle

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



56.0012, 0.4197, 0.3791



56.0012, 0.3676, 0.4261



56.0012, 0.2157, 0.2665



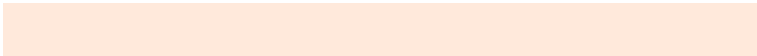
56.0012, 0.2544, 0.2437

Sweetspot

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



56.0021, 0.4197, 0.3791



84.8675, 0.3367, 0.3431



42.5927, 0.3623, 0.2528



17.7027, 0.3409, 0.3453



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.



56.0021, 0.4197, 0.3791



49.9647, 0.4481, 0.3872



85.7234, 0.3896, 0.4346



19.1599, 0.3284, 0.3384



16.1787, 0.5718, 0.3841



1.7809, 0.5509, 0.4008

Inverse Universe

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



56.8150, 0.2385, 0.2708



50.8043, 0.2258, 0.2573



33.1370, 0.2242, 0.1946



19.2109, 0.2979, 0.3194



16.2570, 0.1873, 0.1943



1.7960, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 56.0012, 0.4197, 0.3791 looks on a white background.

Color Contrast Check

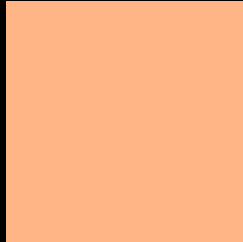
Large Text (above 18pt) WCAG AA × Fail

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 56.0012, 0.4197, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

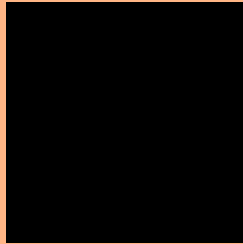
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0012, 0.4197, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 56.0012, 0.4197, 0.3791.



This preview shows how white text looks on a background with the Yxy color 56.0012, 0.4197, 0.3791.

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

56.0012, 0.4197, 0.3791

Protanopia

56.4278, 0.3695, 0.3981

Deuteranopia

56.0384, 0.4015, 0.3932



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

56.0012, 0.4197, 0.3791

Protanomaly

55.9994, 0.3874, 0.3918

Deuteranomaly

56.0169, 0.4083, 0.3874

Tritanomaly

55.9279, 0.3902, 0.3398

Monochromacy



Original Color

56.0012, 0.4197, 0.3791

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8153, 0.3495, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0012, 0.4197, 0.3791 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, 181, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 133)  
}
```

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, 181, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 133) }
```

Border

The CSS property to change the border of an element to Yxy 56.0012, 0.4197, 0.3791 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, 181, 133) }
```

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

```
.border{ border-color:rgb(255, 181, 133) }
```

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

Here you see how a box with a 4 pixel rgb(255, 181, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0012, 0.4197, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 133) }
```

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

```
.background{ background-color: rgb(255,  
181, 133) }
```

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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