

Converting Colors

Yxy(56.1517, 0.4107, 0.3742)

Have a look what the booklet for
Yxy(56.1517, 0.4107, 0.3742)
contains.

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Color

Yxy(56.0448, 0.4106, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	FCB68C
RGB	252, 182, 140
RGB Percent	99%, 71%, 55%
CMY	0.0119, 0.2862, 0.4511
CMYK	0.00, 0.28, 0.44, 0.01
HSL	23°, 95%, 77%
HSV	23°, 44%, 99%
XYZ	61.5953, 56.0448, 32.3728
YIQ	198.1420, 55.2020, 1.7780

Conversions

Conversions Part 2

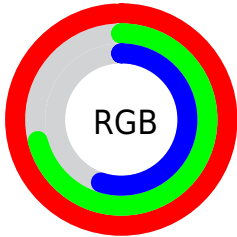
Format	Color
R _Y B	252, 207, 140
Decimal	16561804
CIE Lab	79.64, 20.45, 31.41
CIE LCh	80, 37.479, 56.935
Yxy	56.0448, 0.4106, 0.3736
Android (android.graphics.Color)	4294751884 (0xFFFCB68C)
YUV	198.1420, -28.6640, 47.2335
Hunter-Lab	74.8631, 15.8545, 26.7656

Details

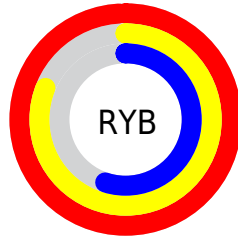
The Yxy color **56.0448, 0.4106, 0.3736** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.6511, 0.2439, 0.2783**, and the grayscale version is **56.7152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3041, 0.3526, 0.3732**, and **27.7592, 0.4362, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **49.2991, 0.4415, 0.3825**, and if you desaturate by 10%, it is **63.6904, 0.3829, 0.3635**.

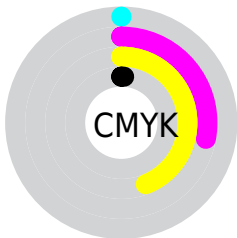
Distribution



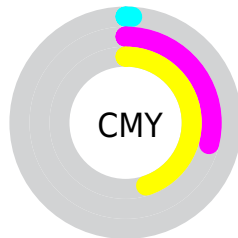
- Red (99%)
- Green (71%)
- Blue (55%)



- Red (99%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (1%)





- Cyan (1%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0448, 0.4106, 0.3736 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 56.0448, 0.4106, 0.3736 by changing the saturation by 10% instead.

 56.0448, 0.4106,
0.3736

 56.0448, 0.4106,
0.3736


409.8603, 0.3630,
0.3541

 40.2388, 0.4219,
0.3776


 99.0701, 0.3937,
0.3672

 27.7248, 0.4359,
0.3821


 127.0582, 0.3873,
0.3646

 18.1183, 0.4538,
0.3872


 159.8758, 0.3818,
0.3623

 11.0350, 0.4771,
0.3927

197.9073, 0.3770,
0.3603

 6.0904, 0.5085,
0.3976

241.5371, 0.3728,
0.3585

 2.9001, 0.5663,
0.4095

291.1496, 0.3692,

 1.0798, 0.6127,

0.3569

0.3873

347.1292, 0.3659,
0.3554

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0448, 0.4106,
0.3736

56.0448, 0.4106,
0.3736

49.2991, 0.4415,
0.3825

63.6904, 0.3829,
0.3635

43.4095, 0.4748,
0.3892

72.2612, 0.3586,
0.3531

38.3403, 0.5086,
0.3923

81.7914, 0.3377,
0.3429

34.0495, 0.5403,
0.3906

92.3109, 0.3198,
0.3331

■ 30.4898, 0.5672,
0.3835

99.4286, 0.3108,
0.3290

■ 28.8021, 0.5797,
0.3779

Harmonies

Analogous

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



56.0448, 0.4020, 0.3348



56.0448, 0.4106, 0.3736



56.0448, 0.3909, 0.4053

Triad

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



56.0448, 0.4106, 0.3736



56.0448, 0.2585, 0.3618



56.0448, 0.2705, 0.2521

Complementary

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



56.0448, 0.4106, 0.3736



58.6511, 0.2439, 0.2783

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.



56.0448, 0.2373, 0.2533



56.0448, 0.4106, 0.3736



56.0448, 0.2306, 0.3126

Square

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



56.0448, 0.4106, 0.3736



56.0448, 0.3020, 0.4030



56.0448, 0.2234, 0.2737



56.0448, 0.3175, 0.2680

Rectangle

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



56.0448, 0.4106, 0.3736



56.0448, 0.3656, 0.4169



56.0448, 0.2234, 0.2737



56.0448, 0.2575, 0.2505

Sweetspot

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



56.0475, 0.4106, 0.3736



85.5407, 0.3349, 0.3414



44.1364, 0.3556, 0.2562



17.8209, 0.3392, 0.3436



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.



56.0475, 0.4106, 0.3736



51.5855, 0.4370, 0.3814



83.1683, 0.3850, 0.4260



18.2930, 0.3285, 0.3380



15.2681, 0.5767, 0.3803



1.6104, 0.5543, 0.3980

Inverse Universe

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



58.6511, 0.2439, 0.2783



54.5094, 0.2318, 0.2665



36.0117, 0.2317, 0.2082



18.4493, 0.2980, 0.3199



16.5823, 0.1891, 0.2009



1.7395, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 56.0448, 0.4106, 0.3736 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 56.0448, 0.4106, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

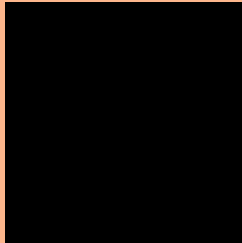
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0448, 0.4106, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 56.0448, 0.4106, 0.3736.



This preview shows how white text looks on a background with the Yxy color 56.0448, 0.4106, 0.3736.

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

56.0448, 0.4106, 0.3736

Protanopia

56.4918, 0.3632, 0.3900

Deuteranopia

56.0921, 0.3941, 0.3848



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

56.0448, 0.4106, 0.3736

Protanomaly

56.0438, 0.3809, 0.3842

Deuteranomaly

55.8591, 0.4008, 0.3805

Tritanomaly

55.8519, 0.3866, 0.3366

Monochromacy



Original Color

56.0448, 0.4106, 0.3736

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7790, 0.3462, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0448, 0.4106, 0.3736 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(252, 182, 140)` looks like.

```
.text, #text, p{  
    color:rgb(252, 182, 140)  
}
```

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(252, 182, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 182, 140) }
```

Border

The CSS property to change the border of an element to Yxy 56.0448, 0.4106, 0.3736 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(252, 182, 140) }
```

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

```
.border{ border-color:rgb(252, 182, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 182, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 182, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 182, 140);  
box-shadow:4px 4px 4px 4px rgb(252, 182,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0448, 0.4106, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 182, 140) }
```

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

```
.background{ background-color: rgb(252,  
182, 140) }
```

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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