

Converting Colors

$Y_{xy}(56.5581, 0.4329, 0.3990)$

Have a look what the booklet for
Yxy(56.5581, 0.4329, 0.3990)
contains.

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Color

Yxy(56.3648, 0.4330, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	FFB773
RGB	255, 183, 115
RGB Percent	100%, 72%, 45%
CMY	0.0000, 0.2824, 0.5490
CMYK	0.00, 0.28, 0.55, 0.00
HSL	29°, 100%, 73%
HSV	29°, 55%, 100%
XYZ	61.2753, 56.3648, 23.8733
YIQ	196.7760, 64.7400, -5.8840

Conversions

Conversions Part 2

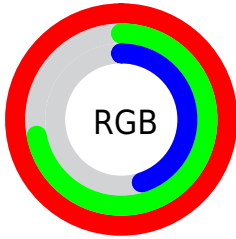
Format	Color
R_{YB}	255, 247, 115
Decimal	16758643
CIE _{Lab}	79.82, 18.91, 44.61
CIE _{LCh}	80, 48.453, 67.023
Yxy	56.3648, 0.4330, 0.3983
Android (android.graphics.Color)	4294948723 (0xFFFFB773)
YUV	196.7760, -40.3156, 51.0624
Hunter-Lab	75.0765, 14.3028, 33.7001

Details

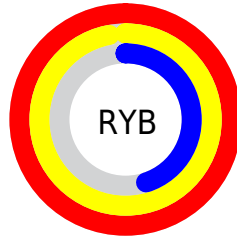
The Yxy color **56.3648, 0.4330, 0.3983** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.4148, 0.2250, 0.2435**, and the grayscale version is **55.9093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8202, 0.3692, 0.4002**, and **27.9490, 0.4615, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **50.6938, 0.4614, 0.4074**, and if you desaturate by 10%, it is **62.6988, 0.4057, 0.3867**.

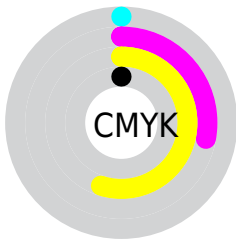
Distribution



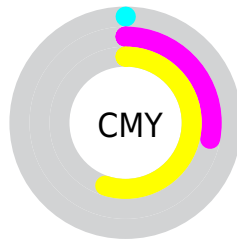
- Red (100%)
- Green (72%)
- Blue (45%)



- Red (100%)
- Yellow (97%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3648, 0.4330, 0.3983 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 56.3648, 0.4330, 0.3983 by changing the saturation by 10% instead.


 56.3648, 0.4330,
0.3983


 56.3648, 0.4330,
0.3983


411.0648, 0.3756,
0.3685


 40.4955, 0.4460,
0.4040


 99.5378, 0.4131,
0.3887

 27.9251, 0.4618,
0.4104


 127.6102, 0.4053,
0.3847

 18.2692, 0.4812,
0.4172

 160.5191, 0.3986,
0.3812

 11.1434, 0.5052,
0.4236

198.6489, 0.3928,
0.3781

 6.1634, 0.5372,
0.4296

242.3840, 0.3877,
0.3753

 2.9447, 0.5734,
0.4266

292.1087, 0.3832,

 1.1029, 0.6035,

0.3728

0.3965

348.2075, 0.3792,
0.3705

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3648, 0.4330,
0.3983

56.3648, 0.4330,
0.3983

50.6938, 0.4614,
0.4074

62.6988, 0.4057,
0.3867

45.6637, 0.4896,
0.4127

69.7266, 0.3806,
0.3739

41.2425, 0.5158,
0.4129

77.4701, 0.3580,
0.3605

37.3953, 0.5380,
0.4075

85.9516, 0.3379,
0.3474

■ 35.6338, 0.5479,
0.4032

■ 95.1924, 0.3204,
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.



56.3648, 0.4361, 0.3507



56.3648, 0.4330, 0.3983



56.3648, 0.3961, 0.4351

Triad

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



56.3648, 0.4330, 0.3983



56.3648, 0.2288, 0.3489



56.3648, 0.2769, 0.2373

Complementary

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



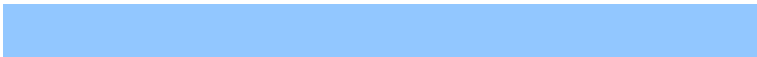
56.3648, 0.4330, 0.3983



46.4148, 0.2250, 0.2435

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.



56.3648, 0.2288, 0.2307



56.3648, 0.4330, 0.3983



56.3648, 0.2033, 0.2873

Square

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



56.3648, 0.4330, 0.3983



56.3648, 0.2775, 0.4114



56.3648, 0.2036, 0.2465



56.3648, 0.3402, 0.2631

Rectangle

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



56.3648, 0.4330, 0.3983



56.3648, 0.3592, 0.4454



56.3648, 0.2036, 0.2465



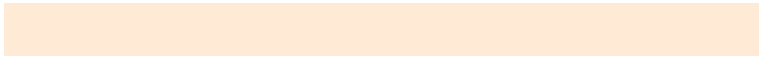
56.3648, 0.2586, 0.2328

Sweetspot

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



56.3630, 0.4330, 0.3983



84.9786, 0.3400, 0.3488



37.1272, 0.3891, 0.2562



17.8057, 0.3440, 0.3515



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.



56.3630, 0.4330, 0.3983



50.1078, 0.4646, 0.4082



92.5386, 0.3932, 0.4586



19.4432, 0.3282, 0.3406



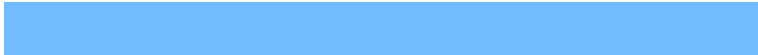
18.9157, 0.5453, 0.4052



2.0594, 0.5271, 0.4196

Inverse Universe

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



46.4148, 0.2250, 0.2435



39.2224, 0.2095, 0.2223



23.6695, 0.2064, 0.1550



18.9231, 0.2979, 0.3172



12.5782, 0.1784, 0.1622



1.4435, 0.1840, 0.1824

Previews

White Background



This preview shows how the Yxy color 56.3648, 0.4330, 0.3983 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 56.3648, 0.4330, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

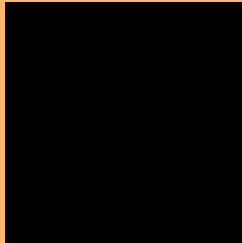
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3648, 0.4330, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 56.3648, 0.4330, 0.3983.



This preview shows how white text looks on a background with the Yxy color 56.3648, 0.4330, 0.3983.

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

56.3648, 0.4330, 0.3983

Protanopia

56.5204, 0.3870, 0.4186

Deuteranopia

56.3109, 0.4180, 0.4093



Tritanopia

56.3784, 0.3715, 0.3166

Trichromacy



Original Color

56.3648, 0.4330, 0.3983

Protanomaly

56.4608, 0.4033, 0.4114

Deuteranomaly

56.3484, 0.4236, 0.4058

Tritanomaly

56.1088, 0.3952, 0.3471

Monochromacy



Original Color

56.3648, 0.4330, 0.3983

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3947, 0.3543, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3648, 0.4330, 0.3983 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, 183, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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(255, 183, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 115) }
```

Border

The CSS property to change the border of an element to Yxy 56.3648, 0.4330, 0.3983 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, 183, 115) }
```

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

```
.border{ border-color:rgb(255, 183, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3648, 0.4330, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 115) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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