

Converting Colors

Yxy(55.7166, 0.4020, 0.3596)

Have a look what the booklet for
Yxy(55.7166, 0.4020, 0.3596)
contains.

Yxy(55.5723, 0.4020, 0.3600)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.5723, 0.4020, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	FCB497
RGB	252, 180, 151
RGB Percent	99%, 71%, 59%
CMY	0.0117, 0.2941, 0.4078
CMYK	0.00, 0.29, 0.40, 0.01
HSL	17°, 94%, 79%
HSV	17°, 40%, 99%
XYZ	62.0557, 55.5723, 36.7395
YIQ	198.2220, 52.2210, 6.2450

Conversions

Conversions Part 2

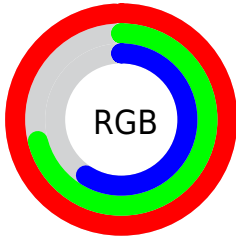
Format	Color
R _Y B	252, 192, 151
Decimal	16561303
CIE Lab	79.37, 22.69, 25.19
CIE LCh	79, 33.902, 47.999
Yxy	55.5723, 0.4020, 0.3600
Android (android.graphics.Color)	4294751383 (0xFFFCB497)
YUV	198.2220, -23.2804, 47.1633
Hunter-Lab	74.5468, 18.1335, 22.9625

Details

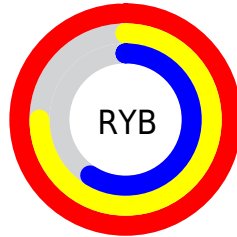
The Yxy color **55.5723, 0.4020, 0.3600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.3980, 0.2521, 0.2950**, and the grayscale version is **56.7368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6587, 0.3458, 0.3601**, and **27.4363, 0.4251, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **48.0510, 0.4344, 0.3673**, and if you desaturate by 10%, it is **64.2145, 0.3739, 0.3521**.

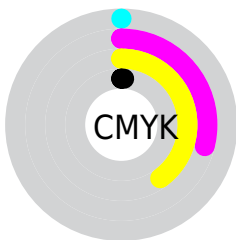
Distribution



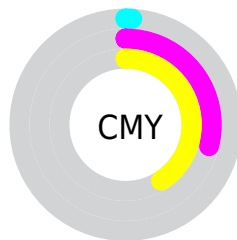
- Red (99%)
- Green (71%)
- Blue (59%)



- Red (99%)
- Yellow (75%)
- Blue (59%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (1%)




- Cyan (1%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5723, 0.4020, 0.3600 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 55.5723, 0.4020, 0.3600 by changing the saturation by 10% instead.


 55.5723, 0.4020,
0.3600

 55.5723, 0.4020,
0.3600

408.0777, 0.3583,
0.3466

 39.8601, 0.4125,
0.3627


 98.3790, 0.3864,
0.3556

 27.4295, 0.4256,
0.3657


 126.2422, 0.3805,
0.3539

 17.8960, 0.4426,
0.3692


158.9246, 0.3754,
0.3523

 10.8754, 0.4653,
0.3728

196.8106, 0.3711,
0.3509

 5.9831, 0.4966,
0.3759

240.2845, 0.3673,
0.3497

 2.8348, 0.5452,
0.3783

289.7307, 0.3639,

 1.0461, 0.6259,

0.3485

0.3741

345.5336, 0.3610,
0.3475

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5723, 0.4020,
0.3600

55.5723, 0.4020,
0.3600

48.0510, 0.4344,
0.3673

64.2145, 0.3739,
0.3521

41.5953, 0.4704,
0.3729

74.0136, 0.3499,
0.3440

36.1573, 0.5084,
0.3759

85.0142, 0.3298,
0.3363

31.6815, 0.5455,
0.3749

97.2557, 0.3128,
0.3291

■ 28.1068, 0.5779,
0.3692

99.4374, 0.3109,
0.3290

■ 25.3746, 0.6025,
0.3598

Harmonies

Analogous

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



55.5723, 0.3863, 0.3241



55.5723, 0.4020, 0.3600



55.5723, 0.3916, 0.3915

Triad

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



55.5723, 0.4020, 0.3600



55.5723, 0.2742, 0.3713



55.5723, 0.2636, 0.2572

Complementary

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



55.5723, 0.4020, 0.3600



66.3980, 0.2521, 0.2950

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.



55.5723, 0.2380, 0.2637



55.5723, 0.4020, 0.3600



55.5723, 0.2436, 0.3274

Square

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



55.5723, 0.4020, 0.3600



55.5723, 0.3165, 0.4026



55.5723, 0.2309, 0.2881



55.5723, 0.3037, 0.2673

Rectangle

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



55.5723, 0.4020, 0.3600



55.5723, 0.3722, 0.4054



55.5723, 0.2309, 0.2881



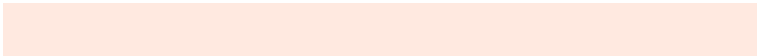
55.5723, 0.2532, 0.2574

Sweetspot

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



55.5750, 0.4020, 0.3600



85.0446, 0.3334, 0.3378



48.1843, 0.3422, 0.2553



17.8785, 0.3359, 0.3388



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.



55.5750, 0.4020, 0.3600



50.8478, 0.4274, 0.3659



79.5972, 0.3810, 0.4094



18.0365, 0.3287, 0.3359



13.4335, 0.5995, 0.3622



1.4171, 0.5764, 0.3806

Inverse Universe

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



66.3980, 0.2521, 0.2950



63.2927, 0.2413, 0.2870



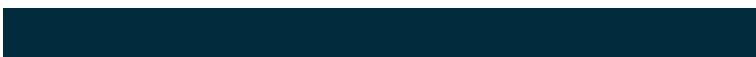
43.4572, 0.2423, 0.2326



18.7174, 0.2980, 0.3220



20.8617, 0.1980, 0.2326



2.1134, 0.2015, 0.2455

Previews

White Background



This preview shows how the Yxy color 55.5723, 0.4020, 0.3600 looks on a white background.

Color Contrast Check

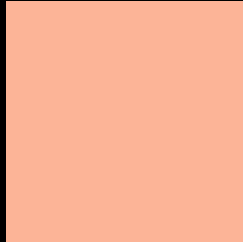
Large Text (above 18pt) WCAG AA × Fail

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 55.5723, 0.4020, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

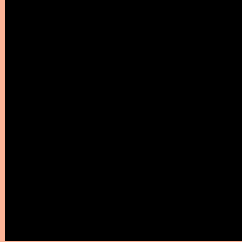
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5723, 0.4020, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 55.5723, 0.4020, 0.3600.



This preview shows how white text looks on a background with the Yxy color 55.5723, 0.4020, 0.3600.

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

55.5723, 0.4020, 0.3600

Protanopia

55.9910, 0.3516, 0.3749

Deuteranopia

55.7209, 0.3824, 0.3744



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.5723, 0.4020, 0.3600

Protanomaly

55.6695, 0.3697, 0.3696

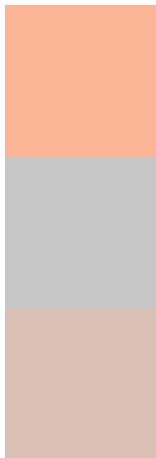
Deuteranomaly

55.6705, 0.3889, 0.3691

Tritanomaly

55.6103, 0.3833, 0.3313

Monochromacy



Original Color

55.5723, 0.4020, 0.3600

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5032, 0.3431, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5723, 0.4020, 0.3600 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, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(252, 180, 151)  
}
```

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, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 180, 151) }
```

Border

The CSS property to change the border of an element to Yxy 55.5723, 0.4020, 0.3600 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, 180, 151) }
```

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

```
.border{ border-color:rgb(252, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 180, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 180, 151); box-shadow:4px 4px 4px 4px rgb(252, 180, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5723, 0.4020, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 180, 151) }
```

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

```
.background{ background-color: rgb(252,  
180, 151) }
```

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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