

Converting Colors

$Yxy(62.1233, 0.4576, 0.3864)$

Have a look what the booklet for
Yxy(62.1233, 0.4576, 0.3864)
contains.

Yxy(55.5921, 0.4327, 0.3945)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.5921, 0.4327, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	FFB575
RGB	255, 181, 117
RGB Percent	100%, 71%, 46%
CMY	0.0000, 0.2902, 0.5411
CMYK	0.00, 0.29, 0.54, 0.00
HSL	28°, 100%, 73%
HSV	28°, 54%, 100%
XYZ	60.9752, 55.5921, 24.3506
YIQ	195.8300, 64.6480, -4.2160

Conversions

Conversions Part 2

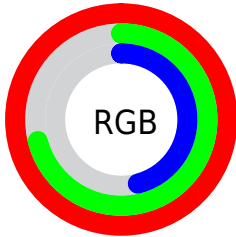
Format	Color
R _Y B	255, 236, 117
Decimal	16758133
CIE Lab	79.38, 20.10, 43.05
CIE LCh	79, 47.514, 64.969
Yxy	55.5921, 0.4327, 0.3945
Android (android.graphics.Color)	4294948213 (0xFFFFB575)
YUV	195.8300, -38.8632, 51.8921
Hunter-Lab	74.5601, 15.4969, 32.8285

Details

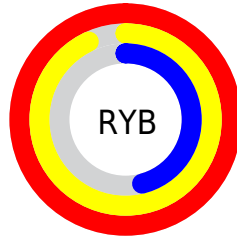
The Yxy color **55.5921, 0.4327, 0.3945** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.2682, 0.2270, 0.2489**, and the grayscale version is **55.3054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7307, 0.3686, 0.3964**, and **27.4457, 0.4618, 0.4057** is the 20% darker color. If you saturate the color by 10%, you get **49.7834, 0.4620, 0.4033**, and if you desaturate by 10%, it is **62.1155, 0.4048, 0.3833**.

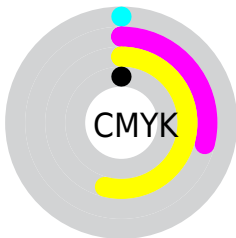
Distribution



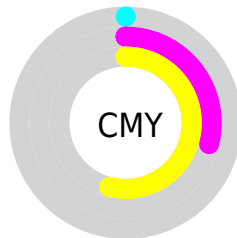
- Red (100%)
- Green (71%)
- Blue (46%)



- Red (100%)
- Yellow (93%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5921, 0.4327, 0.3945 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 55.5921, 0.4327, 0.3945 by changing the saturation by 10% instead.

 55.5921, 0.4327,
0.3945


 55.5921, 0.4327,
0.3945


408.1525, 0.3752,
0.3664


 39.8760, 0.4459,
0.3999

 98.4079, 0.4126,
0.3855

 27.4419, 0.4619,
0.4059


 126.2764, 0.4048,
0.3817

 17.9053, 0.4818,
0.4122

 158.9645, 0.3981,
0.3784

 10.8821, 0.5065,
0.4181

196.8566, 0.3923,
0.3754

 5.9876, 0.5393,
0.4231

240.3370, 0.3872,
0.3728

 2.8375, 0.5795,
0.4205

289.7902, 0.3827,

 1.0475, 0.6119,

0.3704

0.3881

345.6006, 0.3787,
0.3683

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5921, 0.4327,
0.3945

55.5921, 0.4327,
0.3945

49.7834, 0.4620,
0.4033

62.1155, 0.4048,
0.3833

44.6518, 0.4914,
0.4085

69.3724, 0.3794,
0.3709

40.1680, 0.5189,
0.4087

77.3909, 0.3566,
0.3582

36.2954, 0.5425,
0.4033

86.1950, 0.3366,
0.3456

34.2773, 0.5544,
0.3980

95.8075, 0.3192,
0.3337

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



55.5921, 0.4330, 0.3473



55.5921, 0.4327, 0.3945



55.5921, 0.3983, 0.4319

Triad

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



55.5921, 0.4327, 0.3945



55.5921, 0.2326, 0.3532



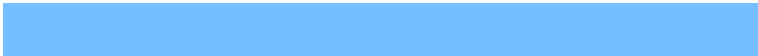
55.5921, 0.2735, 0.2374

Complementary

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



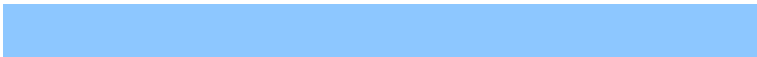
55.5921, 0.4327, 0.3945



48.2682, 0.2270, 0.2489

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.



55.5921, 0.2275, 0.2323



55.5921, 0.4327, 0.3945



55.5921, 0.2056, 0.2916

Square

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



55.5921, 0.4327, 0.3945



55.5921, 0.2820, 0.4135



55.5921, 0.2042, 0.2497



55.5921, 0.3354, 0.2618

Rectangle

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



55.5921, 0.4327, 0.3945



55.5921, 0.3626, 0.4433



55.5921, 0.2042, 0.2497



55.5921, 0.2559, 0.2334

Sweetspot

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



55.5948, 0.4327, 0.3945



84.4718, 0.3402, 0.3480



37.8322, 0.3821, 0.2527



17.6852, 0.3442, 0.3505



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.



55.5948, 0.4327, 0.3945



49.3007, 0.4647, 0.4040



89.7404, 0.3945, 0.4536



19.3755, 0.3283, 0.3401



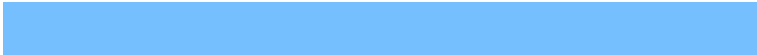
18.2027, 0.5517, 0.4002



1.9883, 0.5328, 0.4152

Inverse Universe

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



48.2682, 0.2270, 0.2489



41.2497, 0.2120, 0.2292



25.3970, 0.2092, 0.1630



18.9912, 0.2979, 0.3177



13.3851, 0.1805, 0.1697



1.5220, 0.1859, 0.1892

Previews

White Background



This preview shows how the Yxy color 55.5921, 0.4327, 0.3945 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 55.5921, 0.4327, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

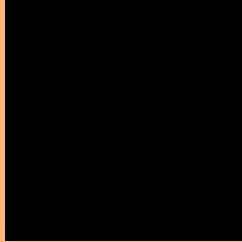
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5921, 0.4327, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 55.5921, 0.4327, 0.3945.



This preview shows how white text looks on a background with the Yxy color 55.5921, 0.4327, 0.3945.

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

55.5921, 0.4327, 0.3945

Protanopia

55.8096, 0.3843, 0.4160

Deuteranopia

55.7527, 0.4163, 0.4067



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.5921, 0.4327, 0.3945

Protanomaly

55.4651, 0.4020, 0.4076

Deuteranomaly

55.3714, 0.4224, 0.4022

Tritanomaly

55.3129, 0.3960, 0.3450

Monochromacy



Original Color

55.5921, 0.4327, 0.3945

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8033, 0.3537, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5921, 0.4327, 0.3945 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 117) }
```

Border

The CSS property to change the border of an element to Yxy 55.5921, 0.4327, 0.3945 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, 117) }
```

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

```
.border{ border-color:rgb(255, 181, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5921, 0.4327, 0.3945 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, 117) }
```

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

```
.background{ background-color: rgb(255,  
181, 117) }
```

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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