

Converting Colors

$Yxy(60.6374, 0.3855, 0.3645)$

Have a look what the booklet for
Yxy(60.6374, 0.3855, 0.3645)
contains.

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Color

Yxy(60.6345, 0.3855, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	F8C1A0
RGB	248, 193, 160
RGB Percent	97%, 76%, 63%
CMY	0.0274, 0.2431, 0.3725
CMYK	0.00, 0.22, 0.35, 0.03
HSL	22°, 86%, 80%
HSV	22°, 35%, 97%
XYZ	64.1278, 60.6345, 41.5874
YIQ	205.6830, 43.3730, 1.3970

Conversions

Conversions Part 2

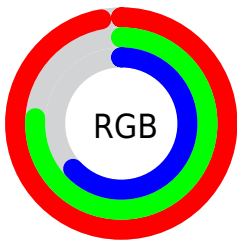
Format	Color
R _Y B	248, 213, 160
Decimal	16302496
CIE Lab	82.18, 15.34, 24.17
CIE LCh	82, 28.626, 57.598
Yxy	60.6345, 0.3855, 0.3645
Android (android.graphics.Color)	4294492576 (0xFFFF8C1A0)
YUV	205.6830, -22.5217, 37.1120
Hunter-Lab	77.8682, 10.7333, 22.8424

Details

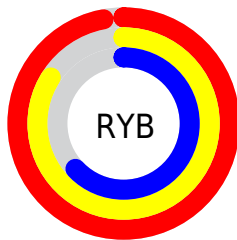
The Yxy color **60.6345, 0.3855, 0.3645** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.8592, 0.2574, 0.2902**, and the grayscale version is **61.6365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5375, 0.3371, 0.3634**, and **30.4951, 0.4046, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **53.3555, 0.4136, 0.3745**, and if you desaturate by 10%, it is **68.8107, 0.3609, 0.3541**.

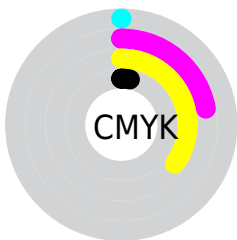
Distribution



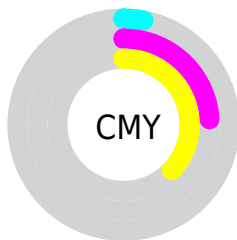
- Red (97%)
- Green (76%)
- Blue (63%)



- Red (97%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6345, 0.3855, 0.3645 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 60.6345, 0.3855, 0.3645 by changing the saturation by 10% instead.


 60.6345, 0.3855,
0.3645


 60.6345, 0.3855,
0.3645


426.9326, 0.3505,
0.3486

 43.9303, 0.3938,
0.3679


 105.7495, 0.3731,
0.3591

 30.6157, 0.4041,
0.3720


 134.9291, 0.3684,
0.3570

 20.3064, 0.4173,
0.3769


169.0360, 0.3643,
0.3551

 12.6180, 0.4348,
0.3829

208.4544, 0.3608,
0.3535

 7.1660, 0.4588,
0.3898

253.5689, 0.3577,
0.3521

 3.5661, 0.4932,
0.3972

304.7639, 0.3550,

 1.4340, 0.5759,

0.3508

0.4241

362.4236, 0.3526,
0.3496

0.2415, 0.7143,
0.2857

0.0000, 0.0000,
0.0000

60.6345, 0.3855,
0.3645

60.6345, 0.3855,
0.3645

53.3555, 0.4136,
0.3745

68.8107, 0.3609,
0.3541

46.9329, 0.4448,
0.3832

77.9062, 0.3397,
0.3439

41.3348, 0.4782,
0.3896

87.9528, 0.3215,
0.3341

36.5239, 0.5119,
0.3922

98.6967, 0.3084,
0.3290

■ 32.4594, 0.5433,
0.3900

■ 29.0949, 0.5695,
0.3824

■ 27.7831, 0.5797,
0.3779

Harmonies

Analogous

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



60.6345, 0.3793, 0.3351



60.6345, 0.3855, 0.3645



60.6345, 0.3710, 0.3871

Triad

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



60.6345, 0.3855, 0.3645



60.6345, 0.2717, 0.3526



60.6345, 0.2819, 0.2704

Complementary

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



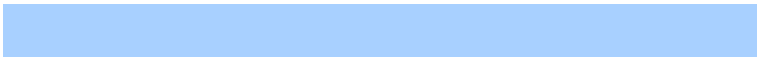
60.6345, 0.3855, 0.3645



62.8592, 0.2574, 0.2902

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.



60.6345, 0.2560, 0.2716



60.6345, 0.3855, 0.3645



60.6345, 0.2503, 0.3170

Square

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



60.6345, 0.3855, 0.3645



60.6345, 0.3046, 0.3823



60.6345, 0.2448, 0.2877



60.6345, 0.3176, 0.2829

Rectangle

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



60.6345, 0.3855, 0.3645



60.6345, 0.3523, 0.3943



60.6345, 0.2448, 0.2877



60.6345, 0.2719, 0.2692

Sweetspot

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



60.6374, 0.3855, 0.3645



87.6425, 0.3312, 0.3394



50.0479, 0.3444, 0.2708



18.4517, 0.3337, 0.3408



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.



60.6374, 0.3855, 0.3645



58.6282, 0.4065, 0.3722



82.6418, 0.3701, 0.4070



18.2914, 0.3285, 0.3379



15.2555, 0.5769, 0.3802



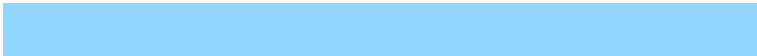
1.6091, 0.5545, 0.3979

Inverse Universe

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



62.8592, 0.2574, 0.2902



61.3078, 0.2460, 0.2803



43.6611, 0.2500, 0.2365



18.4509, 0.2980, 0.3199



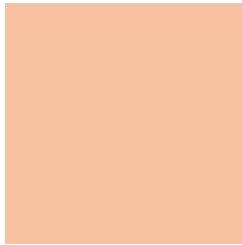
16.6058, 0.1892, 0.2011



1.7416, 0.1939, 0.2180

Previews

White Background



This preview shows how the Yxy color 60.6345, 0.3855, 0.3645 looks on a white background.

Color Contrast Check

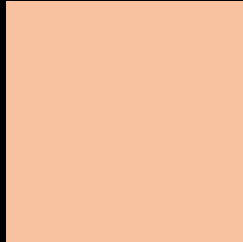
Large Text (above 18pt) WCAG AA × Fail

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 60.6345, 0.3855, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

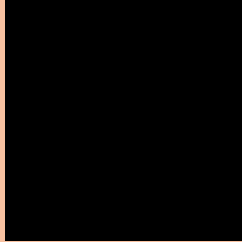
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6345, 0.3855, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 60.6345, 0.3855, 0.3645.



This preview shows how white text looks on a background with the Yxy color 60.6345, 0.3855, 0.3645.

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

60.6345, 0.3855, 0.3645

Protanopia

60.6541, 0.3519, 0.3745

Deuteranopia

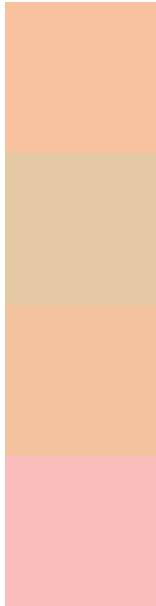
60.5083, 0.3784, 0.3697



Tritanopia

60.5004, 0.3553, 0.3134

Trichromacy



Original Color

60.6345, 0.3855, 0.3645

Protanomaly

60.4469, 0.3638, 0.3711

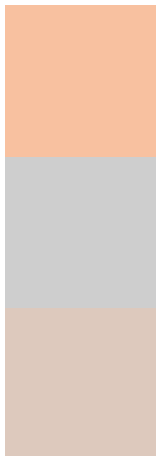
Deuteranomaly

60.5881, 0.3813, 0.3683

Tritanomaly

60.4923, 0.3666, 0.3313

Monochromacy



Original Color

60.6345, 0.3855, 0.3645

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8196, 0.3375, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6345, 0.3855, 0.3645 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(248, 193, 160)` looks like.

```
.text, #text, p{  
    color:rgb(248, 193, 160)  
}
```

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(248, 193, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 193, 160) }
```

Border

The CSS property to change the border of an element to Yxy 60.6345, 0.3855, 0.3645 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(248, 193, 160) }
```

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

```
.border{ border-color:rgb(248, 193, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 193, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 193, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 193, 160);  
box-shadow:4px 4px 4px 4px rgb(248, 193,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6345, 0.3855, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 193, 160) }
```

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

```
.background{ background-color: rgb(248,  
193, 160) }
```

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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