

Converting Colors

$Y_{xy}(60.8965, 0.3952, 0.3652)$

Have a look what the booklet for
Yxy(60.8965, 0.3952, 0.3652)
contains.

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Color

Yxy(60.9219, 0.3955, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF9C
RGB	255, 191, 156
RGB Percent	100%, 75%, 61%
CMY	0.0001, 0.2509, 0.3881
CMYK	0.00, 0.25, 0.39, 0.00
HSL	21°, 100%, 81%
HSV	21°, 39%, 100%
XYZ	65.8683, 60.9219, 39.7541
YIQ	206.1460, 49.3790, 2.6830

Conversions

Conversions Part 2

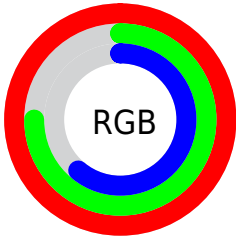
Format	Color
R _Y B	255, 210, 156
Decimal	16760732
CIE Lab	82.34, 18.60, 26.60
CIE LCh	82, 32.460, 55.032
Yxy	60.9219, 0.3955, 0.3658
Android (android.graphics.Color)	4294950812 (0xFFFFBF9C)
YUV	206.1460, -24.7220, 42.8450
Hunter-Lab	78.0525, 14.0438, 24.4388

Details

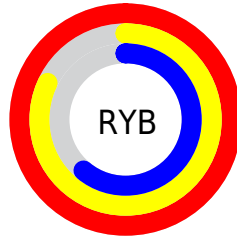
The Yxy color **60.9219, 0.3955, 0.3658** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.4768, 0.2526, 0.2884**, and the grayscale version is **61.9601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4847, 0.3400, 0.3646**, and **30.6266, 0.4170, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **53.3591, 0.4254, 0.3749**, and if you desaturate by 10%, it is **69.4810, 0.3692, 0.3560**.

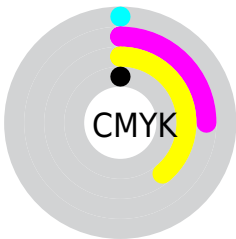
Distribution



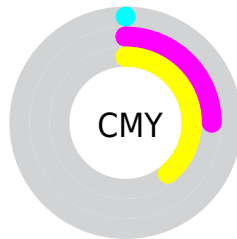
- Red (100%)
- Green (75%)
- Blue (61%)



- Red (100%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9219, 0.3955, 0.3658 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 60.9219, 0.3955, 0.3658 by changing the saturation by 10% instead.


 60.9219, 0.3955,
0.3658


 60.9219, 0.3955,
0.3658


427.9876, 0.3557,
0.3497

 44.1621, 0.4049,
0.3692


 106.1658, 0.3815,
0.3604

 30.7980, 0.4165,
0.3731


 135.4188, 0.3761,
0.3583

 20.4451, 0.4314,
0.3777

169.6050, 0.3714,
0.3564

 12.7190, 0.4510,
0.3830

209.1088, 0.3675,
0.3547

 7.2353, 0.4776,
0.3888

254.3145, 0.3640,
0.3532

 3.6097, 0.5154,
0.3938

305.6066, 0.3609,

 1.4577, 0.5925,

0.3519

0.4075

363.3695, 0.3582,
0.3507

0.2587, 0.7302,
0.2698

0.0000, 0.0000,
0.0000

60.9219, 0.3955,
0.3658

60.9219, 0.3955,
0.3658

53.3591, 0.4254,
0.3749

69.4810, 0.3692,
0.3560

46.7459, 0.4584,
0.3825

79.0636, 0.3466,
0.3462

41.0441, 0.4932,
0.3873

89.7067, 0.3273,
0.3368

36.2096, 0.5276,
0.3879

99.9962, 0.3127,
0.3290

■ 32.1932, 0.5584,
0.3835

■ 28.9360, 0.5831,
0.3742

■ 28.5921, 0.5858,
0.3730

Harmonies

Analogous

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



60.9219, 0.3865, 0.3325



60.9219, 0.3955, 0.3658



60.9219, 0.3807, 0.3927

Triad

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



60.9219, 0.3955, 0.3658



60.9219, 0.2690, 0.3591



60.9219, 0.2748, 0.2628

Complementary

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



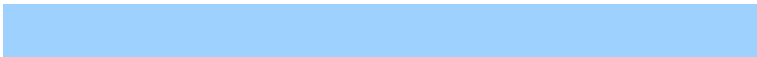
60.9219, 0.3955, 0.3658



65.4768, 0.2526, 0.2884

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.



60.9219, 0.2471, 0.2653



60.9219, 0.3955, 0.3658



60.9219, 0.2438, 0.3183

Square

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



60.9219, 0.3955, 0.3658



60.9219, 0.3068, 0.3920



60.9219, 0.2362, 0.2844



60.9219, 0.3144, 0.2756

Rectangle

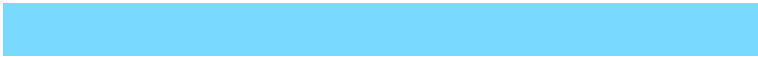
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.9219, 0.3955, 0.3658



60.9219, 0.3602, 0.4025



60.9219, 0.2362, 0.2844



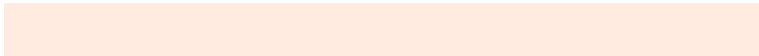
60.9219, 0.2640, 0.2618

Sweetspot

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



60.9248, 0.3955, 0.3658



86.2049, 0.3331, 0.3398



50.2302, 0.3470, 0.2637



18.1503, 0.3356, 0.3410



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.



60.9248, 0.3955, 0.3658



54.6632, 0.4197, 0.3734



86.0591, 0.3763, 0.4129



19.0376, 0.3285, 0.3375



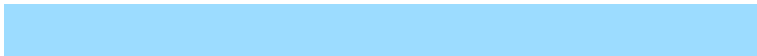
15.1960, 0.5828, 0.3754



1.6762, 0.5611, 0.3927

Inverse Universe

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



65.4768, 0.2526, 0.2884



59.7864, 0.2408, 0.2781



43.3688, 0.2435, 0.2280



19.3374, 0.2980, 0.3204



18.0978, 0.1913, 0.2086



1.9680, 0.1955, 0.2239

Previews

White Background



This preview shows how the Yxy color 60.9219, 0.3955, 0.3658 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 60.9219, 0.3955, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

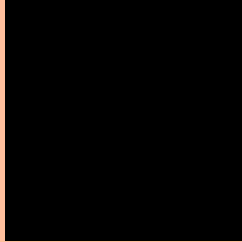
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9219, 0.3955, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 60.9219, 0.3955, 0.3658.



This preview shows how white text looks on a background with the Yxy color 60.9219, 0.3955, 0.3658.

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

60.9219, 0.3955, 0.3658

Protanopia

61.1767, 0.3548, 0.3790

Deuteranopia

61.1763, 0.3830, 0.3749



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.9219, 0.3955, 0.3658

Protanomaly

60.8355, 0.3687, 0.3741

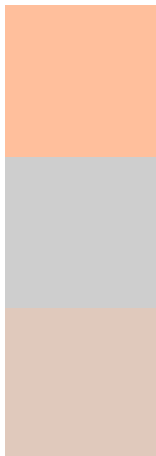
Deuteranomaly

61.1709, 0.3880, 0.3721

Tritanomaly

60.6871, 0.3728, 0.3334

Monochromacy



Original Color

60.9219, 0.3955, 0.3658

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.2514, 0.3407, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9219, 0.3955, 0.3658 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, 191, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 156)  
}
```

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, 191, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 156) }
```

Border

The CSS property to change the border of an element to Yxy 60.9219, 0.3955, 0.3658 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, 191, 156) }
```

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

```
.border{ border-color:rgb(255, 191, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9219, 0.3955, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 156) }
```

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

```
.background{ background-color: rgb(255,  
191, 156) }
```

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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