

Converting Colors

Yxy(59.0552, 0.3765, 0.3570)

Have a look what the booklet for
Yxy(59.0552, 0.3765, 0.3570)
contains.

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Color

Yxy(58.8920, 0.3761, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	F2BFA6
RGB	242, 191, 166
RGB Percent	95%, 75%, 65%
CMY	0.0510, 0.2509, 0.3490
CMYK	0.00, 0.21, 0.31, 0.05
HSL	20°, 74%, 80%
HSV	20°, 31%, 95%
XYZ	62.1298, 58.8920, 44.1731
YIQ	203.3990, 38.4210, 3.0370

Conversions

Conversions Part 2

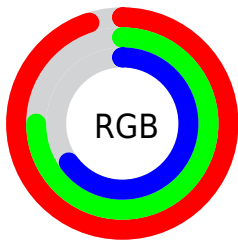
Format	Color
R_{YB}	242, 203, 166
Decimal	15908774
CIE _{Lab}	81.23, 14.83, 19.58
CIE _{LCh}	81, 24.566, 52.866
Yxy	58.8920, 0.3761, 0.3565
Android (android.graphics.Color)	4294098854 (0xFFFF2BFA6)
YUV	203.3990, -18.4377, 33.8531
Hunter-Lab	76.7411, 10.2171, 19.5907

Details

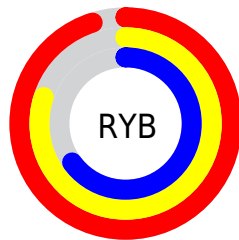
The Yxy color **58.8920, 0.3761, 0.3565** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1395, 0.2642, 0.2996**, and the grayscale version is **60.0865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0020, 0.3338, 0.3546**, and **29.4205, 0.3934, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **51.3942, 0.4037, 0.3655**, and if you desaturate by 10%, it is **67.3475, 0.3523, 0.3474**.

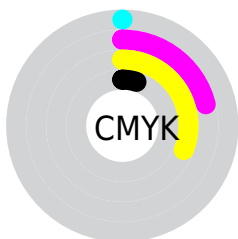
Distribution



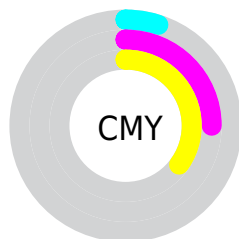
- Red (95%)
- Green (75%)
- Blue (65%)



- Red (95%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8920, 0.3761, 0.3565 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 58.8920, 0.3761, 0.3565 by changing the saturation by 10% instead.


 58.8920, 0.3761,
0.3565

 58.8920, 0.3761,
0.3565


420.5016, 0.3454,
0.3441

 42.5262, 0.3834,
0.3592


 103.2207, 0.3652,
0.3523

 29.5135, 0.3926,
0.3625


 131.9523, 0.3610,
0.3506

 19.4696, 0.4045,
0.3664


165.5747, 0.3575,
0.3492

 12.0101, 0.4205,
0.3713

204.4723, 0.3544,
0.3479

 6.7506, 0.4428,
0.3773

249.0293, 0.3517,
0.3468

 3.3066, 0.4757,
0.3840

299.6303, 0.3494,

 1.2938, 0.5759,

0.3458

0.4241

356.6596, 0.3473,
0.3449

0.1364, 0.7828,
0.2172

0.0000, 0.0000,
0.0000

58.8920, 0.3761,
0.3565

58.8920, 0.3761,
0.3565

51.3942, 0.4037,
0.3655

67.3475, 0.3523,
0.3474

44.8111, 0.4352,
0.3737

76.7855, 0.3320,
0.3385

39.1081, 0.4697,
0.3801

87.2400, 0.3149,
0.3301

34.2453, 0.5057,
0.3835

97.6156, 0.3047,
0.3290

■ 30.1791, 0.5406,
0.3826

■ 26.8612, 0.5709,
0.3767

■ 24.5574, 0.5918,
0.3683

Harmonies

Analogous

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



58.8920, 0.3678, 0.3305



58.8920, 0.3761, 0.3565



58.8920, 0.3664, 0.3772

Triad

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



58.8920, 0.3761, 0.3565



58.8920, 0.2811, 0.3540



58.8920, 0.2818, 0.2771

Complementary

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



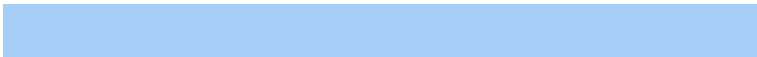
58.8920, 0.3761, 0.3565



64.1395, 0.2642, 0.2996

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.



58.8920, 0.2608, 0.2804



58.8920, 0.3761, 0.3565



58.8920, 0.2604, 0.3236

Square

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



58.8920, 0.3761, 0.3565



58.8920, 0.3109, 0.3776



58.8920, 0.2532, 0.2967



58.8920, 0.3120, 0.2862

Rectangle

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



58.8920, 0.3761, 0.3565



58.8920, 0.3515, 0.3847



58.8920, 0.2532, 0.2967



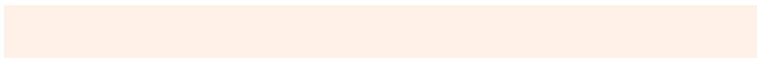
58.8920, 0.2735, 0.2767

Sweetspot

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



58.8948, 0.3761, 0.3565



89.1746, 0.3277, 0.3364



51.2099, 0.3364, 0.2739



18.7315, 0.3303, 0.3377



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.



58.8948, 0.3761, 0.3565



60.5513, 0.3942, 0.3626



77.1493, 0.3643, 0.3944



16.6083, 0.3285, 0.3368



13.4157, 0.5888, 0.3707



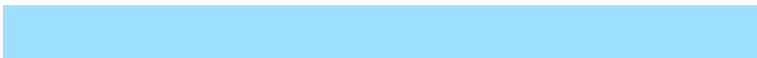
1.2913, 0.5633, 0.3910

Inverse Universe

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



64.1395, 0.2642, 0.2996



67.3375, 0.2542, 0.2922



47.1365, 0.2587, 0.2537



17.0014, 0.2980, 0.3210



17.6574, 0.1938, 0.2178



1.6499, 0.1984, 0.2341

Previews

White Background



This preview shows how the Yxy color 58.8920, 0.3761, 0.3565 looks on a white background.

Color Contrast Check

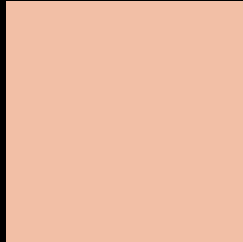
Large Text (above 18pt) WCAG AA × Fail

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 58.8920, 0.3761, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

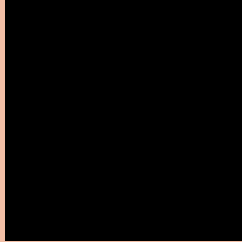
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8920, 0.3761, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 58.8920, 0.3761, 0.3565.



This preview shows how white text looks on a background with the Yxy color 58.8920, 0.3761, 0.3565.

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

58.8920, 0.3761, 0.3565

Protanopia

59.3275, 0.3446, 0.3656

Deuteranopia

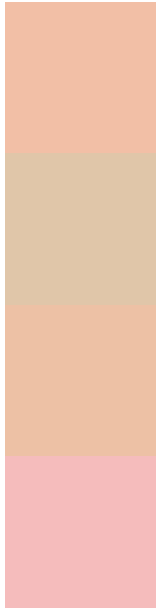
58.7926, 0.3691, 0.3616



Tritanopia

58.8808, 0.3521, 0.3142

Trichromacy



Original Color

58.8920, 0.3761, 0.3565

Protanomaly

59.1000, 0.3562, 0.3624

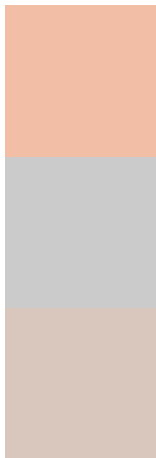
Deuteranomaly

58.8611, 0.3720, 0.3602

Tritanomaly

59.0098, 0.3610, 0.3291

Monochromacy



Original Color

58.8920, 0.3761, 0.3565

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3163, 0.3338, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8920, 0.3761, 0.3565 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(242, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 166)  
}
```

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(242, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 166) }
```

Border

The CSS property to change the border of an element to Yxy 58.8920, 0.3761, 0.3565 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(242, 191, 166) }
```

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

```
.border{ border-color:rgb(242, 191, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8920, 0.3761, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 166) }
```

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

```
.background{ background-color: rgb(242,  
191, 166) }
```

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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