

Converting Colors

Yxy(58.2831, 0.3606, 0.3554)

Have a look what the booklet for
Yxy(58.2831, 0.3606, 0.3554)
contains.

Yxy(58.3468, 0.3608, 0.3551)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.3468, 0.3608, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	E6C2AB
RGB	230, 194, 171
RGB Percent	90%, 76%, 67%
CMY	0.0979, 0.2392, 0.3293
CMYK	0.00, 0.16, 0.26, 0.10
HSL	23°, 54%, 79%
HSV	23°, 26%, 90%
XYZ	59.2834, 58.3468, 46.6807
YIQ	202.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

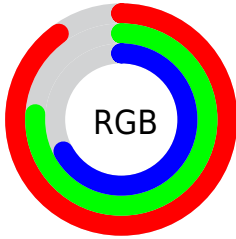
Format	Color
R _Y B	230, 209, 171
Decimal	15123115
CIE Lab	80.93, 9.40, 16.32
CIE LCh	81, 18.828, 60.061
Yxy	58.3468, 0.3608, 0.3551
Android (android.graphics.Color)	4293313195 (0xFFE6C2AB)
YUV	202.1420, -15.3530, 24.4315
Hunter-Lab	76.3851, 4.8621, 17.2360

Details

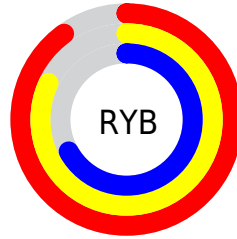
The Yxy color **58.3468, 0.3608, 0.3551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0311, 0.2727, 0.3013**, and the grayscale version is **59.2440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7453, 0.3302, 0.3534**, and **29.0867, 0.3736, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **51.5866, 0.3851, 0.3658**, and if you desaturate by 10%, it is **65.8562, 0.3398, 0.3445**.

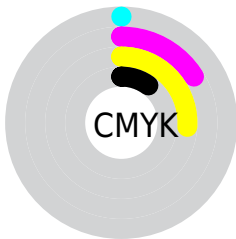
Distribution



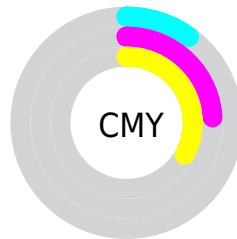
- Red (90%)
- Green (76%)
- Blue (67%)



- Red (90%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3468, 0.3608, 0.3551 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 58.3468, 0.3608, 0.3551 by changing the saturation by 10% instead.


 58.3468, 0.3608,
0.3551

 58.3468, 0.3608,
0.3551


418.4769, 0.3375,
0.3430

 42.0875, 0.3664,
0.3579


 102.4277, 0.3525,
0.3509

 29.1698, 0.3734,
0.3613


131.0181, 0.3493,
0.3492

 19.2093, 0.3825,
0.3655


164.4877, 0.3466,
0.3478

 11.8216, 0.3948,
0.3711

203.2209, 0.3443,
0.3466

 6.6223, 0.4121,
0.3783

247.6020, 0.3423,
0.3455

 3.2271, 0.4381,
0.3881

298.0154, 0.3405,

 1.2514, 0.5126,

0.3446

0.4270

354.8456, 0.3389,
0.3437

0.1031, 0.7605,
0.2395

0.0000, 0.0000,
0.0000

58.3468, 0.3608,
0.3551

58.3468, 0.3608,
0.3551

51.5866, 0.3851,
0.3658

65.8562, 0.3398,
0.3445

45.5433, 0.4127,
0.3762

74.1298, 0.3217,
0.3344

40.1940, 0.4432,
0.3852

83.1922, 0.3063,
0.3250

35.5113, 0.4758,
0.3919

92.5356, 0.2975,
0.3242

■ 31.4657, 0.5087,
0.3949

■ 95.5669, 0.2976,
0.3290

■ 28.0246, 0.5394,
0.3930

■ 25.1516, 0.5651,
0.3858

■ 24.0614, 0.5750,
0.3816

Harmonies

Analogous

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



58.3468, 0.3577, 0.3355



58.3468, 0.3608, 0.3551



58.3468, 0.3505, 0.3689

Triad

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



58.3468, 0.3608, 0.3551



58.3468, 0.2838, 0.3428



58.3468, 0.2941, 0.2894

Complementary

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



58.3468, 0.3608, 0.3551



59.0311, 0.2727, 0.3013

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.



58.3468, 0.2755, 0.2898



58.3468, 0.3608, 0.3551



58.3468, 0.2697, 0.3198

Square

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



58.3468, 0.3608, 0.3551



58.3468, 0.3057, 0.3625



58.3468, 0.2668, 0.3005



58.3468, 0.3183, 0.2986

Rectangle

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



58.3468, 0.3608, 0.3551



58.3468, 0.3378, 0.3724



58.3468, 0.2668, 0.3005



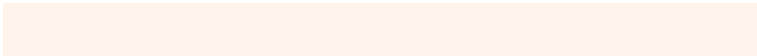
58.3468, 0.2870, 0.2884

Sweetspot

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



58.3495, 0.3608, 0.3551



91.0617, 0.3258, 0.3368



50.4898, 0.3345, 0.2886



19.1466, 0.3285, 0.3383



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.



58.3495, 0.3608, 0.3551



68.8829, 0.3738, 0.3611



72.6191, 0.3531, 0.3861



15.2834, 0.3283, 0.3382



13.8400, 0.5722, 0.3838



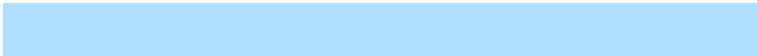
1.1989, 0.5452, 0.4053

Inverse Universe

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



59.0311, 0.2727, 0.3013



69.8791, 0.2640, 0.2944



46.1827, 0.2693, 0.2647



15.3450, 0.2981, 0.3196



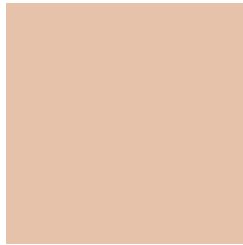
14.1757, 0.1879, 0.1965



1.2267, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 58.3468, 0.3608, 0.3551 looks on a white background.

Color Contrast Check

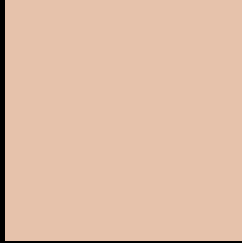
Large Text (above 18pt) WCAG AA × Fail

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 58.3468, 0.3608, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

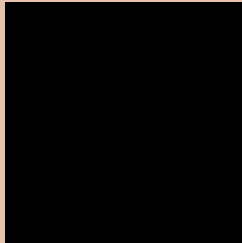
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3468, 0.3608, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 58.3468, 0.3608, 0.3551.



This preview shows how white text looks on a background with the Yxy color 58.3468, 0.3608, 0.3551.

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

58.3468, 0.3608, 0.3551

Protanopia

58.6782, 0.3408, 0.3611

Deuteranopia

58.5128, 0.3617, 0.3551



Tritanopia

58.2473, 0.3383, 0.3126

Trichromacy



Original Color

58.3468, 0.3608, 0.3551

Protanomaly

58.3107, 0.3480, 0.3582

Deuteranomaly

58.5128, 0.3617, 0.3551

Tritanomaly

58.3910, 0.3469, 0.3280

Monochromacy



Original Color

58.3468, 0.3608, 0.3551

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6055, 0.3290, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3468, 0.3608, 0.3551 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(230, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 171)  
}
```

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(230, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 171) }
```

Border

The CSS property to change the border of an element to Yxy 58.3468, 0.3608, 0.3551 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(230, 194, 171) }
```

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

```
.border{ border-color:rgb(230, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 194, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 194, 171); box-shadow:4px 4px 4px 4px rgb(230, 194, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3468, 0.3608, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 171) }
```

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

```
.background{ background-color: rgb(230,  
194, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor