

Converting Colors

Yxy(58.4236, 0.3665, 0.3596)

Have a look what the booklet for
Yxy(58.4236, 0.3665, 0.3596)
contains.

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Color

Yxy(58.5294, 0.3658, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	E8C2A7
RGB	232, 194, 167
RGB Percent	91%, 76%, 65%
CMY	0.0901, 0.2392, 0.3450
CMYK	0.00, 0.16, 0.28, 0.09
HSL	25°, 59%, 78%
HSV	25°, 28%, 91%
XYZ	59.5551, 58.5294, 44.7233
YIQ	202.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

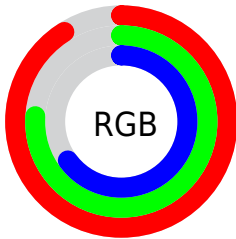
Format	Color
R _Y B	232, 213, 167
Decimal	15254183
CIE Lab	81.03, 9.61, 18.63
CIE LCh	81, 20.962, 62.704
Yxy	58.5294, 0.3658, 0.3595
Android (android.graphics.Color)	4293444263 (0xFFE8C2A7)
YUV	202.2840, -17.3950, 26.0609
Hunter-Lab	76.5045, 5.0708, 18.8932

Details

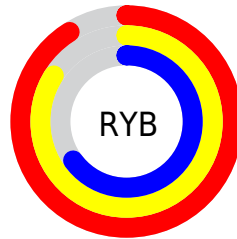
The Yxy color **58.5294, 0.3658, 0.3595** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7357, 0.2687, 0.2963**, and the grayscale version is **59.3492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5283, 0.3327, 0.3574**, and **29.1079, 0.3792, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **51.9800, 0.3904, 0.3709**, and if you desaturate by 10%, it is **65.7903, 0.3443, 0.3482**.

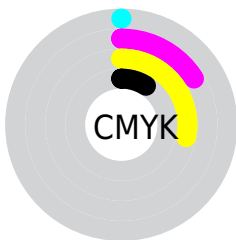
Distribution



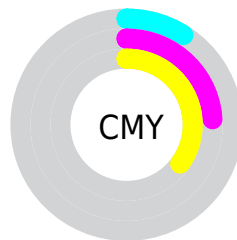
- Red (91%)
- Green (76%)
- Blue (65%)



- Red (91%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5294, 0.3658, 0.3595 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 58.5294, 0.3658, 0.3595 by changing the saturation by 10% instead.


 58.5294, 0.3658,
0.3595


 58.5294, 0.3658,
0.3595


419.1557, 0.3401,
0.3453

 42.2344, 0.3719,
0.3627


 102.6934, 0.3567,
0.3546

 29.2849, 0.3796,
0.3667


 131.3312, 0.3532,
0.3527

 19.2964, 0.3896,
0.3716


164.8520, 0.3502,
0.3510

 11.8847, 0.4030,
0.3779

203.6403, 0.3476,
0.3496

 6.6652, 0.4217,
0.3861

248.0804, 0.3454,
0.3483

 3.2536, 0.4496,
0.3969

298.5567, 0.3434,

 1.2655, 0.5413,

0.3472

0.4490

355.4537, 0.3417,
0.3462

0.1143, 0.7502,
0.2498

0.0000, 0.0000,
0.0000

58.5294, 0.3658,
0.3595

58.5294, 0.3658,
0.3595

51.9800, 0.3904,
0.3709

65.7903, 0.3443,
0.3482

46.1110, 0.4180,
0.3817

73.7764, 0.3257,
0.3373

40.9008, 0.4482,
0.3909

82.5112, 0.3097,
0.3270

36.3234, 0.4799,
0.3974

91.6995, 0.2987,
0.3223

■ 32.3505, 0.5112,
0.3998

■ 95.9019, 0.2988,
0.3290

■ 28.9510, 0.5398,
0.3971

■ 26.0873, 0.5635,
0.3891

■ 25.5773, 0.5678,
0.3873

Harmonies

Analogous

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



58.5294, 0.3637, 0.3380



58.5294, 0.3658, 0.3595



58.5294, 0.3531, 0.3741

Triad

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



58.5294, 0.3658, 0.3595



58.5294, 0.2787, 0.3421



58.5294, 0.2942, 0.2857

Complementary

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



58.5294, 0.3658, 0.3595



57.7357, 0.2687, 0.2963

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.



58.5294, 0.2729, 0.2850



58.5294, 0.3658, 0.3595



58.5294, 0.2643, 0.3164

Square

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



58.5294, 0.3658, 0.3595



58.5294, 0.3025, 0.3649



58.5294, 0.2622, 0.2958



58.5294, 0.3214, 0.2967

Rectangle

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



58.5294, 0.3658, 0.3595



58.5294, 0.3383, 0.3774



58.5294, 0.2622, 0.2958



58.5294, 0.2861, 0.2842

Sweetspot

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



58.5321, 0.3658, 0.3595



91.3745, 0.3258, 0.3373



49.2617, 0.3380, 0.2858



19.2251, 0.3284, 0.3389



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.



58.5321, 0.3658, 0.3595



67.4134, 0.3806, 0.3665



74.0920, 0.3568, 0.3925



15.3454, 0.3282, 0.3388



14.4298, 0.5650, 0.3896



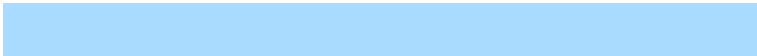
1.2460, 0.5389, 0.4103

Inverse Universe

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



57.7357, 0.2687, 0.2963



66.2555, 0.2590, 0.2879



44.1305, 0.2646, 0.2563



15.2814, 0.2981, 0.3190



13.2240, 0.1854, 0.1874



1.1595, 0.1917, 0.2102

Previews

White Background



This preview shows how the Yxy color 58.5294, 0.3658, 0.3595 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 58.5294, 0.3658, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

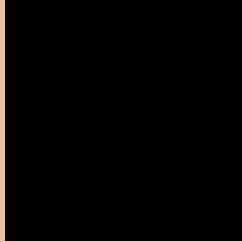
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5294, 0.3658, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 58.5294, 0.3658, 0.3595.



This preview shows how white text looks on a background with the Yxy color 58.5294, 0.3658, 0.3595.

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

58.5294, 0.3658, 0.3595

Protanopia

58.6726, 0.3447, 0.3658

Deuteranopia

58.6972, 0.3666, 0.3594



Tritanopia

58.5399, 0.3407, 0.3138

Trichromacy



Original Color

58.5294, 0.3658, 0.3595

Protanomaly

58.3128, 0.3520, 0.3629

Deuteranomaly

58.6972, 0.3666, 0.3594

Tritanomaly

58.6415, 0.3502, 0.3302

Monochromacy



Original Color

58.5294, 0.3658, 0.3595

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6671, 0.3313, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5294, 0.3658, 0.3595 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(232, 194, 167)` looks like.

```
.text, #text, p{  
    color:rgb(232, 194, 167)  
}
```

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(232, 194, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 194, 167) }
```

Border

The CSS property to change the border of an element to Yxy 58.5294, 0.3658, 0.3595 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(232, 194, 167) }
```

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

```
.border{ border-color:rgb(232, 194, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 194, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 194, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 194, 167); box-shadow:4px 4px 4px 4px rgb(232, 194, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5294, 0.3658, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 194, 167) }
```

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

```
.background{ background-color: rgb(232,  
194, 167) }
```

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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