

Converting Colors

Yxy(64.1843, 0.3579, 0.3542)

Have a look what the booklet for
Yxy(64.1843, 0.3579, 0.3542)
contains.

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Color

Yxy(64.1843, 0.3579, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	EECBB4
RGB	238, 203, 180
RGB Percent	93%, 80%, 71%
CMY	0.0667, 0.2039, 0.2940
CMYK	0.00, 0.15, 0.24, 0.07
HSL	24°, 63%, 82%
HSV	24°, 24%, 93%
XYZ	64.8548, 64.1843, 52.1701
YIQ	210.8430, 28.2430, 0.2670

Conversions

Conversions Part 2

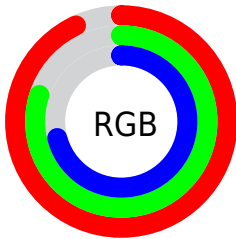
Format	Color
R _Y B	238, 218, 180
Decimal	15649716
CIE Lab	84.06, 8.89, 16.02
CIE LCh	84, 18.319, 60.978
Yxy	64.1843, 0.3579, 0.3542
Android (android.graphics.Color)	4293839796 (0xFFEECB4)
YUV	210.8430, -15.2056, 23.8167
Hunter-Lab	80.1151, 4.2979, 17.4715

Details

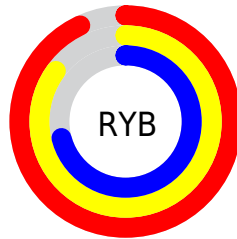
The Yxy color **64.1843, 0.3579, 0.3542** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4933, 0.2746, 0.3024**, and the grayscale version is **65.1233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **32.8510, 0.3691, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **56.8241, 0.3817, 0.3652**, and if you desaturate by 10%, it is **72.3458, 0.3373, 0.3435**.

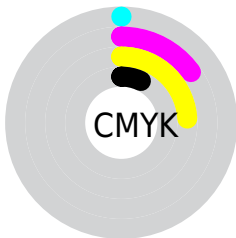
Distribution



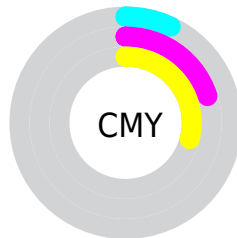
- Red (93%)
- Green (80%)
- Blue (71%)



- Red (93%)
- Yellow (85%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1843, 0.3579, 0.3542 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 64.1843, 0.3579, 0.3542 by changing the saturation by 10% instead.

 64.1843, 0.3579,
0.3542

 64.1843, 0.3579,
0.3542


439.8549, 0.3364,
0.3426

 46.8000, 0.3630,
0.3568


 110.8763, 0.3503,
0.3502

 32.8775, 0.3693,
0.3600


140.9528, 0.3474,
0.3487

 22.0327, 0.3774,
0.3640


176.0287, 0.3449,
0.3473

 13.8809, 0.3882,
0.3691

216.4886, 0.3427,
0.3461

 8.0379, 0.4032,
0.3758

262.7168, 0.3408,
0.3451

 4.1192, 0.4252,
0.3849

315.0976, 0.3392,

 1.7405, 0.4657,

0.3442

0.4016

374.0155, 0.3377,
0.3434

0.4496, 0.5890,
0.4110

0.0000, 0.0000,
0.0000

64.1843, 0.3579,
0.3542

64.1843, 0.3579,
0.3542

56.8241, 0.3817,
0.3652

72.3458, 0.3373,
0.3435

50.2309, 0.4088,
0.3758

81.3240, 0.3196,
0.3332

44.3806, 0.4388,
0.3852

91.1451, 0.3045,
0.3237

39.2445, 0.4710,
0.3925

96.9157, 0.3023,
0.3290

■ 34.7915, 0.5037,
0.3961

■ 30.9876, 0.5344,
0.3949

■ 27.7946, 0.5607,
0.3884

■ 26.2381, 0.5734,
0.3829

Harmonies

Analogous

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



64.1843, 0.3553, 0.3358



64.1843, 0.3579, 0.3542



64.1843, 0.3479, 0.3668

Triad

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



64.1843, 0.3579, 0.3542



64.1843, 0.2849, 0.3414



64.1843, 0.2958, 0.2917

Complementary

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



64.1843, 0.3579, 0.3542



64.4933, 0.2746, 0.3024

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.



64.1843, 0.2780, 0.2919



64.1843, 0.3579, 0.3542



64.1843, 0.2719, 0.3197

Square

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



64.1843, 0.3579, 0.3542



64.1843, 0.3055, 0.3600



64.1843, 0.2694, 0.3017



64.1843, 0.3188, 0.3006

Rectangle

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



64.1843, 0.3579, 0.3542



64.1843, 0.3357, 0.3699



64.1843, 0.2694, 0.3017



64.1843, 0.2891, 0.2907

Sweetspot

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



64.1872, 0.3579, 0.3542



92.2196, 0.3241, 0.3359



55.7799, 0.3332, 0.2906



19.6001, 0.3251, 0.3365



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.



64.1872, 0.3579, 0.3542



70.8683, 0.3688, 0.3594



78.7533, 0.3511, 0.3832



16.7867, 0.3283, 0.3384



14.8751, 0.5706, 0.3851



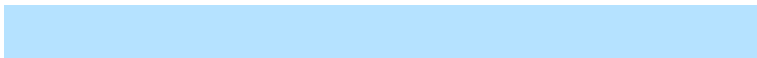
1.4264, 0.5464, 0.4043

Inverse Universe

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



64.4933, 0.2746, 0.3024



71.2753, 0.2671, 0.2964



51.3360, 0.2717, 0.2682



16.8164, 0.2980, 0.3194



14.7771, 0.1872, 0.1937



1.4229, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 64.1843, 0.3579, 0.3542 looks on a white background.

Color Contrast Check

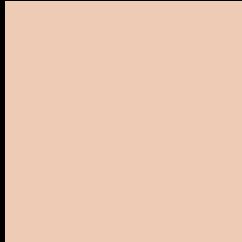
Large Text (above 18pt) WCAG AA × Fail

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 64.1843, 0.3579, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

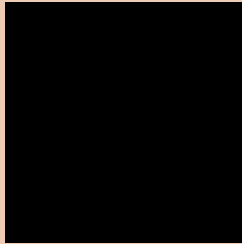
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1843, 0.3579, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 64.1843, 0.3579, 0.3542.



This preview shows how white text looks on a background with the Yxy color 64.1843, 0.3579, 0.3542.

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

64.1843, 0.3579, 0.3542

Protanopia

64.2355, 0.3398, 0.3587

Deuteranopia

64.2371, 0.3606, 0.3530



Tritanopia

64.1205, 0.3356, 0.3121

Trichromacy



Original Color

64.1843, 0.3579, 0.3542

Protanomaly

64.3339, 0.3466, 0.3571

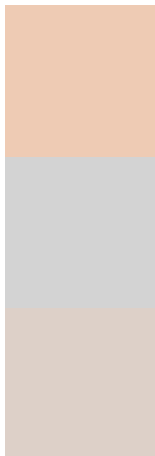
Deuteranomaly

64.0616, 0.3598, 0.3530

Tritanomaly

64.2736, 0.3438, 0.3270

Monochromacy



Original Color

64.1843, 0.3579, 0.3542

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.6540, 0.3283, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1843, 0.3579, 0.3542 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(238, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 180)  
}
```

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(238, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.1843, 0.3579, 0.3542 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(238, 203, 180) }
```

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

```
.border{ border-color:rgb(238, 203, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 203, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1843, 0.3579, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 180) }
```

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

```
.background{ background-color: rgb(238,  
203, 180) }
```

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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