

Converting Colors

$Y_{xy}(64.1175, 0.3599, 0.3526)$

Have a look what the booklet for
Yxy(64.1175, 0.3599, 0.3526)
contains.

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Color

Yxy(64.0616, 0.3598, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	F0CAB4
RGB	240, 202, 180
RGB Percent	94%, 79%, 71%
CMY	0.0588, 0.2078, 0.2940
CMYK	0.00, 0.16, 0.25, 0.06
HSL	22°, 67%, 82%
HSV	22°, 25%, 94%
XYZ	65.2956, 64.0616, 52.1204
YIQ	210.8540, 29.7100, 1.2140

Conversions

Conversions Part 2

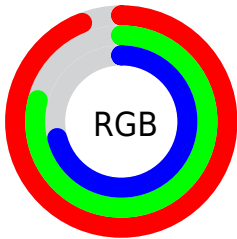
Format	Color
R _Y B	240, 215, 180
Decimal	15780532
CIE Lab	84.00, 10.16, 15.96
CIE LCh	84, 18.917, 57.523
Yxy	64.0616, 0.3598, 0.3530
Android (android.graphics.Color)	4293970612 (0xFFFF0CAB4)
YUV	210.8540, -15.2110, 25.5610
Hunter-Lab	80.0385, 5.5535, 17.4178

Details

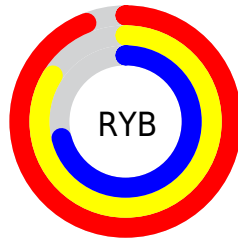
The Yxy color **64.0616, 0.3598, 0.3530** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1544, 0.2737, 0.3037**, and the grayscale version is **65.1304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **32.7794, 0.3717, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **56.3814, 0.3843, 0.3632**, and if you desaturate by 10%, it is **72.6202, 0.3387, 0.3430**.

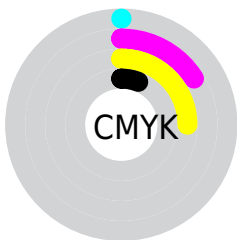
Distribution



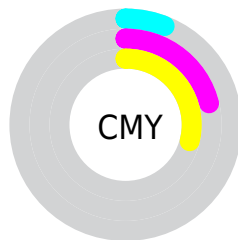
- Red (94%)
- Green (79%)
- Blue (71%)



- Red (94%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0616, 0.3598, 0.3530 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 64.0616, 0.3598, 0.3530 by changing the saturation by 10% instead.


 64.0616, 0.3598,
0.3530

 64.0616, 0.3598,
0.3530

439.4121, 0.3374,
0.3420

 46.7006, 0.3651,
0.3554

 110.6996, 0.3519,
0.3492

 32.7990, 0.3717,
0.3584


140.7454, 0.3488,
0.3478

 21.9725, 0.3802,
0.3622


175.7883, 0.3462,
0.3465

 13.8367, 0.3915,
0.3669

216.2126, 0.3440,
0.3454

 8.0072, 0.4071,
0.3731

262.4027, 0.3420,
0.3444

 4.0995, 0.4303,
0.3813

314.7431, 0.3403,

 1.7294, 0.4727,

0.3435

0.3963

373.6181, 0.3387,
0.3427

0.4426, 0.6017,
0.3983

0.0000, 0.0000,
0.0000

64.0616, 0.3598,
0.3530

64.0616, 0.3598,
0.3530

56.3814, 0.3843,
0.3632

72.6202, 0.3387,
0.3430

49.5418, 0.4124,
0.3730

82.0759, 0.3207,
0.3335

43.5151, 0.4437,
0.3816

92.4578, 0.3053,
0.3246

38.2685, 0.4773,
0.3879

97.2648, 0.3035,
0.3290

■ 33.7666, 0.5114,
0.3906

■ 29.9708, 0.5434,
0.3886

■ 26.8376, 0.5703,
0.3812

■ 25.4940, 0.5818,
0.3763

Harmonies

Analogous

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



64.0616, 0.3556, 0.3336



64.0616, 0.3598, 0.3530



64.0616, 0.3509, 0.3670

Triad

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



64.0616, 0.3598, 0.3530



64.0616, 0.2861, 0.3443



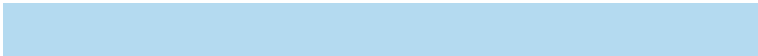
64.0616, 0.2928, 0.2900

Complementary

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



64.0616, 0.3598, 0.3530



66.1544, 0.2737, 0.3037

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.



64.0616, 0.2753, 0.2913



64.0616, 0.3598, 0.3530



64.0616, 0.2716, 0.3219

Square

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



64.0616, 0.3598, 0.3530



64.0616, 0.3079, 0.3628



64.0616, 0.2677, 0.3026



64.0616, 0.3162, 0.2983

Rectangle

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



64.0616, 0.3598, 0.3530



64.0616, 0.3389, 0.3711



64.0616, 0.2677, 0.3026



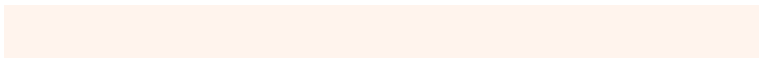
64.0616, 0.2860, 0.2893

Sweetspot

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



64.0645, 0.3598, 0.3530



91.8984, 0.3241, 0.3354



56.2955, 0.3322, 0.2875



19.5258, 0.3252, 0.3360



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.



64.0645, 0.3598, 0.3530



68.8929, 0.3719, 0.3582



78.9746, 0.3526, 0.3828



16.7072, 0.3284, 0.3377



14.1879, 0.5789, 0.3786



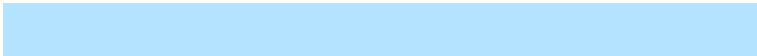
1.3638, 0.5540, 0.3983

Inverse Universe

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



66.1544, 0.2737, 0.3037



71.6657, 0.2658, 0.2977



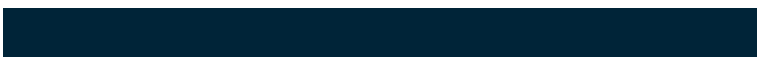
52.4054, 0.2707, 0.2688



16.8984, 0.2980, 0.3201



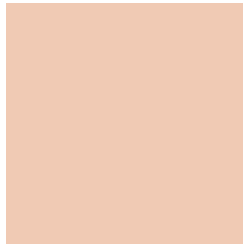
16.0102, 0.1901, 0.2044



1.5208, 0.1952, 0.2226

Previews

White Background



This preview shows how the Yxy color 64.0616, 0.3598, 0.3530 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 64.0616, 0.3598, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

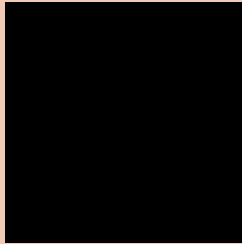
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0616, 0.3598, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 64.0616, 0.3598, 0.3530.



This preview shows how white text looks on a background with the Yxy color 64.0616, 0.3598, 0.3530.

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

64.0616, 0.3598, 0.3530

Protanopia

64.1217, 0.3383, 0.3576

Deuteranopia

64.0616, 0.3598, 0.3530



Tritanopia

63.9697, 0.3381, 0.3122

Trichromacy



Original Color

64.0616, 0.3598, 0.3530

Protanomaly

63.8924, 0.3460, 0.3549

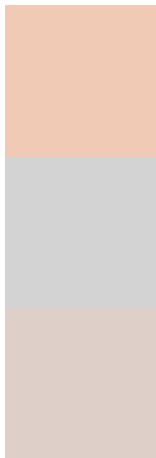
Deuteranomaly

64.0616, 0.3598, 0.3530

Tritanomaly

64.1186, 0.3464, 0.3270

Monochromacy



Original Color

64.0616, 0.3598, 0.3530

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.8115, 0.3291, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0616, 0.3598, 0.3530 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(240, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 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(240, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.0616, 0.3598, 0.3530 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(240, 202, 180) }
```

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

```
.border{ border-color:rgb(240, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 202,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0616, 0.3598, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 180) }
```

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

```
.background{ background-color: rgb(240,  
202, 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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