

Converting Colors

$Yxy(66.3040, 0.3539, 0.3600)$

Have a look what the booklet for
Yxy(66.3040, 0.3539, 0.3600)
contains.

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Color

Yxy(66.0692, 0.3543, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	EBD0B4
RGB	235, 208, 180
RGB Percent	92%, 82%, 71%
CMY	0.0784, 0.1843, 0.2941
CMYK	0.00, 0.11, 0.23, 0.08
HSL	31°, 58%, 81%
HSV	31°, 23%, 92%
XYZ	65.0592, 66.0692, 52.4991
YIQ	212.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

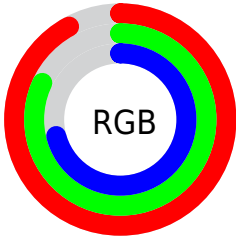
Format	Color
R _Y B	233, 235, 180
Decimal	15454388
CIE Lab	85.03, 5.17, 17.36
CIE LCh	85, 18.116, 73.424
Yxy	66.0692, 0.3543, 0.3598
Android (android.graphics.Color)	4293644468 (0xFFEBD0B4)
YUV	212.8810, -16.2103, 19.3984
Hunter-Lab	81.2830, 0.6270, 18.6038

Details

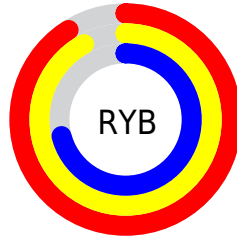
The Yxy color $66.0692, 0.3543, 0.3598$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $60.3343, 0.2755, 0.2961$, and the grayscale version is $66.5564, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8361, 0.3238, 0.3473$, and $34.2272, 0.3650, 0.3676$ is the 20% darker color. If you saturate the color by 10%, you get $59.7699, 0.3761, 0.3737$, and if you desaturate by 10%, it is $72.9464, 0.3350, 0.3462$.

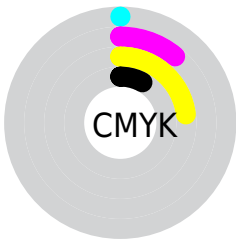
Distribution



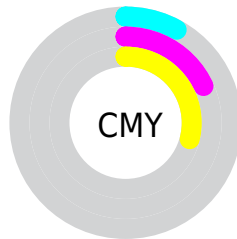
- Red (92%)
- Green (82%)
- Blue (71%)



- Red (91%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0692, 0.3543, 0.3598 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 66.0692, 0.3543, 0.3598 by changing the saturation by 10% instead.


 66.0692, 0.3543,
0.3598

 66.0692, 0.3543,
0.3598

446.6243, 0.3346,
0.3455

 48.3286, 0.3589,
0.3630

 113.5856, 0.3474,
0.3549

 34.0872, 0.3646,
0.3670


144.1303, 0.3447,
0.3529

 22.9606, 0.3719,
0.3721


179.7117, 0.3425,
0.3513

 14.5644, 0.3815,
0.3786

220.7143, 0.3405,
0.3498

 8.5142, 0.3947,
0.3873

267.5224, 0.3388,
0.3486

 4.4257, 0.4138,
0.3994

320.5206, 0.3372,

 1.9144, 0.4480,

0.3474

0.4206

380.0931, 0.3359,
0.3464

0.5570, 0.5406,
0.4594

0.0000, 0.0000,
0.0000

66.0692, 0.3543,
0.3598

66.0692, 0.3543,
0.3598

59.7699, 0.3761,
0.3737

72.9464, 0.3350,
0.3462

54.0226, 0.4002,
0.3872

80.4086, 0.3180,
0.3332

48.8126, 0.4262,
0.3996

88.4739, 0.3032,
0.3211

44.1207, 0.4535,
0.4097

95.8720, 0.3005,
0.3281

■ 39.9263, 0.4806,
0.4162

■ 96.4056, 0.3005,
0.3290

■ 36.2067, 0.5059,
0.4179

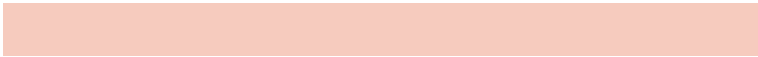
■ 32.9360, 0.5278,
0.4142

■ 31.0061, 0.5403,
0.4092

Harmonies

Analogous

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



66.0692, 0.3570, 0.3435



66.0692, 0.3543, 0.3598



66.0692, 0.3402, 0.3685

Triad

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



66.0692, 0.3543, 0.3598



66.0692, 0.2790, 0.3323



66.0692, 0.3052, 0.2951

Complementary

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



66.0692, 0.3543, 0.3598



60.3343, 0.2755, 0.2961

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.



66.0692, 0.2850, 0.2914



66.0692, 0.3543, 0.3598



66.0692, 0.2704, 0.3119

Square

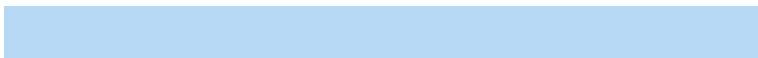
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0692, 0.3543, 0.3598



66.0692, 0.2966, 0.3526



66.0692, 0.2725, 0.2972



66.0692, 0.3281, 0.3070

Rectangle

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



66.0692, 0.3543, 0.3598



66.0692, 0.3265, 0.3682



66.0692, 0.2725, 0.2972



66.0692, 0.2979, 0.2928

Sweetspot

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



66.0722, 0.3543, 0.3598



93.4377, 0.3239, 0.3379



54.8352, 0.3375, 0.2990



19.8820, 0.3249, 0.3386



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.



66.0722, 0.3543, 0.3598



75.8585, 0.3642, 0.3663



80.3890, 0.3481, 0.3874



16.3215, 0.3280, 0.3410



17.5095, 0.5379, 0.4111



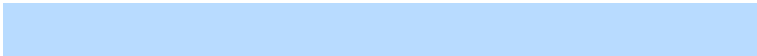
1.5675, 0.5170, 0.4277

Inverse Universe

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



60.3343, 0.2755, 0.2961



67.8472, 0.2677, 0.2885



48.3416, 0.2728, 0.2630



15.7703, 0.2981, 0.3167



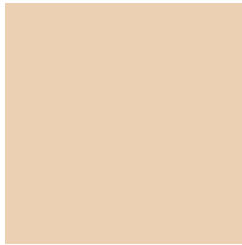
10.4670, 0.1764, 0.1550



1.0141, 0.1835, 0.1804

Previews

White Background



This preview shows how the Yxy color 66.0692, 0.3543, 0.3598 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 66.0692, 0.3543, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

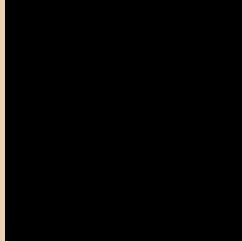
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0692, 0.3543, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 66.0692, 0.3543, 0.3598.



This preview shows how white text looks on a background with the Yxy color 66.0692, 0.3543, 0.3598.

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

66.0692, 0.3543, 0.3598

Protanopia

66.1523, 0.3424, 0.3629

Deuteranopia

65.7550, 0.3618, 0.3538



Tritanopia

66.2991, 0.3304, 0.3132

Trichromacy



Original Color

66.0692, 0.3543, 0.3598

Protanomaly

66.2556, 0.3465, 0.3626

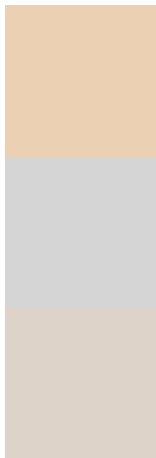
Deuteranomaly

65.6996, 0.3591, 0.3551

Tritanomaly

66.1994, 0.3391, 0.3302

Monochromacy



Original Color

66.0692, 0.3543, 0.3598

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1777, 0.3273, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0692, 0.3543, 0.3598 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(235, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 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(235, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 180) }
```

Border

The CSS property to change the border of an element to Yxy 66.0692, 0.3543, 0.3598 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(235, 208, 180) }
```

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

```
.border{ border-color:rgb(235, 208, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0692, 0.3543, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 180) }
```

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

```
.background{ background-color: rgb(235,  
208, 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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