

Converting Colors

$Yxy(65.2076, 0.3555, 0.3496)$

Have a look what the booklet for
Yxy(65.2076, 0.3555, 0.3496)
contains.

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Color

Yxy(65.2138, 0.3554, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	F0CCB9
RGB	240, 204, 185
RGB Percent	94%, 80%, 73%
CMY	0.0590, 0.1999, 0.2745
CMYK	0.00, 0.15, 0.23, 0.06
HSL	21°, 65%, 83%
HSV	21°, 23%, 94%
XYZ	66.2768, 65.2138, 54.9944
YIQ	212.5980, 27.5550, 1.7230

Conversions

Conversions Part 2

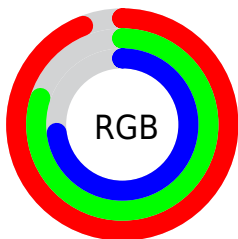
Format	Color
R _Y B	240, 214, 185
Decimal	15781049
CIE _{Lab}	84.59, 9.79, 14.16
CIE _{LCh}	85, 17.215, 55.351
Y _{xy}	65.2138, 0.3554, 0.3497
Android (android.graphics.Color)	4293971129 (0xFFFF0CCB9)
YUV	212.5980, -13.6058, 24.0316
Hunter-Lab	80.7551, 5.1760, 16.1519

Details

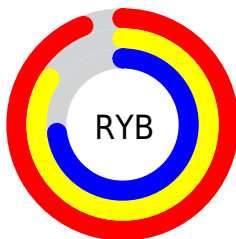
The Yxy color **65.2138, 0.3554, 0.3497** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2919, 0.2771, 0.3073**, and the grayscale version is **66.3358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.5459, 0.3656, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **57.1976, 0.3795, 0.3593**, and if you desaturate by 10%, it is **74.1589, 0.3348, 0.3403**.

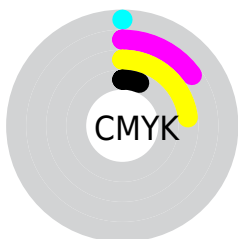
Distribution



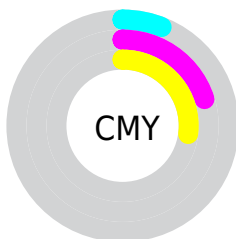
- Red (94%)
- Green (80%)
- Blue (73%)



- Red (94%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2138, 0.3554, 0.3497 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 65.2138, 0.3554, 0.3497 by changing the saturation by 10% instead.


 65.2138, 0.3554,
0.3497

 65.2138, 0.3554,
0.3497


443.5599, 0.3351,
0.3403

 47.6345, 0.3602,
0.3518


 112.3572, 0.3483,
0.3465

 33.5375, 0.3661,
0.3544


142.6900, 0.3455,
0.3452

 22.5385, 0.3738,
0.3576


178.0428, 0.3432,
0.3441

 14.2531, 0.3839,
0.3617

218.7999, 0.3411,
0.3431

 8.2969, 0.3980,
0.3671

265.3458, 0.3393,
0.3423

 4.2855, 0.4189,
0.3743

318.0648, 0.3378,

 1.8345, 0.4536,

0.3415

0.3850

377.3414, 0.3364,
0.3409

0.5086, 0.5868,
0.4132

0.0000, 0.0000,
0.0000

65.2138, 0.3554,
0.3497

65.2138, 0.3554,
0.3497

57.1976, 0.3795,
0.3593

74.1589, 0.3348,
0.3403

50.0706, 0.4073,
0.3687

84.0533, 0.3173,
0.3315

43.8033, 0.4387,
0.3771

94.7985, 0.3036,
0.3252

38.3610, 0.4728,
0.3835

97.2595, 0.3035,
0.3290

■ 33.7064, 0.5080,
0.3867

■ 29.7987, 0.5416,
0.3854

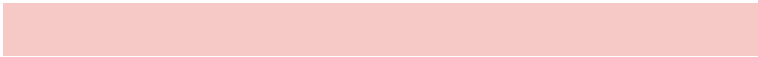
■ 26.5926, 0.5705,
0.3789

■ 24.7085, 0.5873,
0.3719

Harmonies

Analogous

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



65.2138, 0.3507, 0.3320



65.2138, 0.3554, 0.3497



65.2138, 0.3482, 0.3628

Triad

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



65.2138, 0.3554, 0.3497



65.2138, 0.2899, 0.3443



65.2138, 0.2933, 0.2934

Complementary

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



65.2138, 0.3554, 0.3497



68.2919, 0.2771, 0.3073

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.



65.2138, 0.2780, 0.2953



65.2138, 0.3554, 0.3497



65.2138, 0.2761, 0.3241

Square

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



65.2138, 0.3554, 0.3497



65.2138, 0.3100, 0.3604



65.2138, 0.2718, 0.3062



65.2138, 0.3143, 0.3003

Rectangle

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



65.2138, 0.3554, 0.3497



65.2138, 0.3378, 0.3668



65.2138, 0.2718, 0.3062



65.2138, 0.2873, 0.2930

Sweetspot

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



65.2168, 0.3554, 0.3497



91.6792, 0.3241, 0.3350



58.4739, 0.3295, 0.2901



19.4751, 0.3252, 0.3356



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

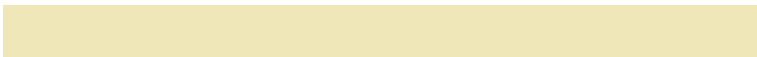
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2168, 0.3554, 0.3497



70.8892, 0.3650, 0.3537



79.0660, 0.3493, 0.3773



16.6530, 0.3285, 0.3372



13.7535, 0.5844, 0.3742



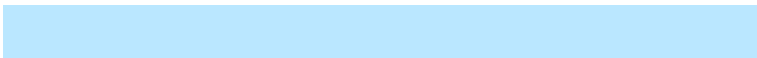
1.3233, 0.5591, 0.3943

Inverse Universe

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



68.2919, 0.2771, 0.3073



74.9314, 0.2706, 0.3028



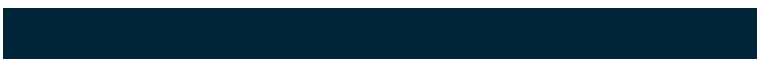
55.2608, 0.2746, 0.2756



16.9547, 0.2980, 0.3206



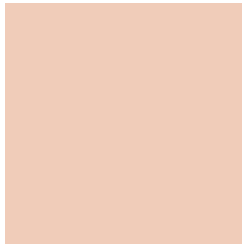
16.8971, 0.1922, 0.2117



1.5906, 0.1969, 0.2289

Previews

White Background



This preview shows how the Yxy color 65.2138, 0.3554, 0.3497 looks on a white background.

Color Contrast Check

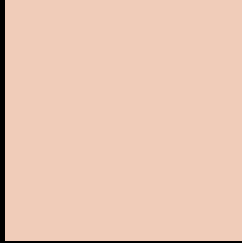
Large Text (above 18pt) WCAG AA × Fail

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 65.2138, 0.3554, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

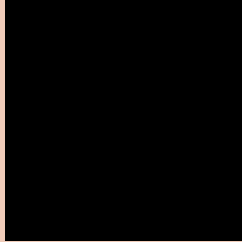
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2138, 0.3554, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 65.2138, 0.3554, 0.3497.



This preview shows how white text looks on a background with the Yxy color 65.2138, 0.3554, 0.3497.

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

65.2138, 0.3554, 0.3497

Protanopia

65.4350, 0.3359, 0.3551

Deuteranopia

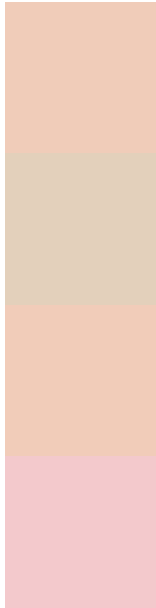
65.3893, 0.3562, 0.3496



Tritanopia

65.4479, 0.3362, 0.3133

Trichromacy



Original Color

65.2138, 0.3554, 0.3497

Protanomaly

65.0305, 0.3426, 0.3525

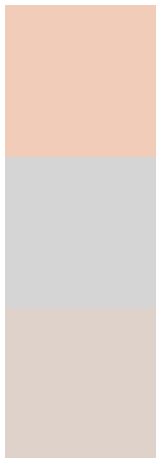
Deuteranomaly

65.3893, 0.3562, 0.3496

Tritanomaly

65.1876, 0.3437, 0.3259

Monochromacy



Original Color

65.2138, 0.3554, 0.3497

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.0930, 0.3275, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2138, 0.3554, 0.3497 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, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 185)  
}
```

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, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 185) }
```

Border

The CSS property to change the border of an element to Yxy 65.2138, 0.3554, 0.3497 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, 204, 185) }
```

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

```
.border{ border-color:rgb(240, 204, 185) }
```

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

Here you see how a box with a 4 pixel rgb(240, 204, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2138, 0.3554, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 185) }
```

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

```
.background{ background-color: rgb(240,  
204, 185) }
```

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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