

Converting Colors

$Y_{xy}(65.5007, 0.3529, 0.3374)$

Have a look what the booklet for
Yxy(65.5007, 0.3529, 0.3374)
contains.

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Color

Yxy(65.5486, 0.3529, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	F5CAC2
RGB	245, 202, 194
RGB Percent	96%, 79%, 76%
CMY	0.0392, 0.2078, 0.2391
CMYK	0.00, 0.18, 0.21, 0.04
HSL	9°, 72%, 86%
HSV	9°, 21%, 96%
XYZ	68.5193, 65.5486, 60.0927
YIQ	213.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

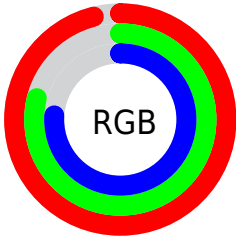
Format	Color
R_{YB}	245, 203, 194
Decimal	16108226
CIE _{Lab}	84.77, 13.99, 9.68
CIE _{LCh}	85, 17.015, 34.679
Yxy	65.5486, 0.3529, 0.3376
Android (android.graphics.Color)	4294298306 (0xFFF5CAC2)
YUV	213.9450, -9.8329, 27.2352
Hunter-Lab	80.9621, 9.3832, 12.6665

Details

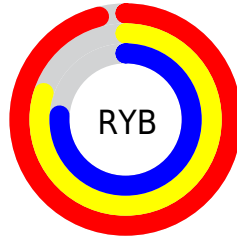
The Yxy color **65.5486, 0.3529, 0.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.6549, 0.2810, 0.3202**, and the grayscale version is **67.2627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.7646, 0.3633, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **55.4814, 0.3789, 0.3420**, and if you desaturate by 10%, it is **77.1023, 0.3315, 0.3333**.

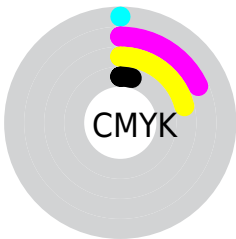
Distribution



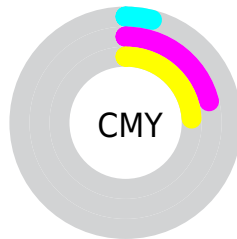
- Red (96%)
- Green (79%)
- Blue (76%)



- Red (96%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5486, 0.3529, 0.3376 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 65.5486, 0.3529, 0.3376 by changing the saturation by 10% instead.


 65.5486, 0.3529,
0.3376

 65.5486, 0.3529,
0.3376


444.7608, 0.3338,
0.3339

 47.9061, 0.3574,
0.3384

 112.8382, 0.3462,
0.3363

 33.7525, 0.3630,
0.3393


143.2541, 0.3436,
0.3358

 22.7035, 0.3702,
0.3405


178.6965, 0.3414,
0.3354

 14.3747, 0.3798,
0.3419

219.5499, 0.3394,
0.3350

 8.3818, 0.3933,
0.3436

266.1986, 0.3378,
0.3347

 4.3402, 0.4133,
0.3455

319.0270, 0.3363,

 1.8656, 0.4460,

0.3344

0.3473

378.4196, 0.3350,
0.3341

0.5276, 0.6151,
0.3849

0.0000, 0.0000,
0.0000

65.5486, 0.3529,
0.3376

65.5486, 0.3529,
0.3376

55.4814, 0.3789,
0.3420

77.1023, 0.3315,
0.3333

46.8316, 0.4102,
0.3464

90.1901, 0.3140,
0.3293

39.5378, 0.4469,
0.3502

98.1546, 0.3066,
0.3290

33.5308, 0.4883,
0.3528

■ 28.7351, 0.5319,
0.3535

■ 25.0671, 0.5733,
0.3514

■ 22.4326, 0.6066,
0.3464

■ 20.8219, 0.6270,
0.3403

Harmonies

Analogous

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



65.5486, 0.3407, 0.3196



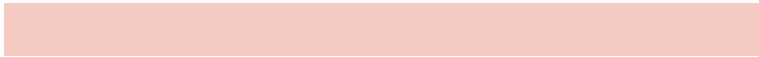
65.5486, 0.3529, 0.3376



65.5486, 0.3538, 0.3542

Triad

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



65.5486, 0.3529, 0.3376



65.5486, 0.3035, 0.3558



65.5486, 0.2823, 0.2942

Complementary

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



65.5486, 0.3529, 0.3376



78.6549, 0.2810, 0.3202

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.



65.5486, 0.2731, 0.3023



65.5486, 0.3529, 0.3376



65.5486, 0.2851, 0.3380

Square

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



65.5486, 0.3529, 0.3376



65.5486, 0.3248, 0.3657



65.5486, 0.2741, 0.3182



65.5486, 0.2996, 0.2951

Rectangle

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



65.5486, 0.3529, 0.3376



65.5486, 0.3480, 0.3622



65.5486, 0.2741, 0.3182



65.5486, 0.2782, 0.2959

Sweetspot

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



65.5516, 0.3529, 0.3376



91.0933, 0.3227, 0.3314



64.1444, 0.3207, 0.2846



19.2982, 0.3238, 0.3316



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.



65.5516, 0.3529, 0.3376



66.9096, 0.3633, 0.3395



78.3397, 0.3477, 0.3636



16.9009, 0.3290, 0.3328



11.3425, 0.6250, 0.3420



1.1183, 0.6039, 0.3587

Inverse Universe

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



78.6549, 0.2810, 0.3202



83.6504, 0.2749, 0.3182



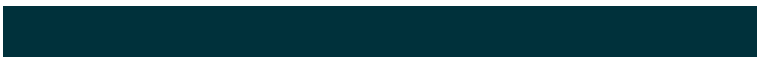
65.0875, 0.2791, 0.2919



18.2903, 0.2980, 0.3252



27.6759, 0.2107, 0.2784



2.5488, 0.2126, 0.2854

Previews

White Background



This preview shows how the Yxy color 65.5486, 0.3529, 0.3376 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 65.5486, 0.3529, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

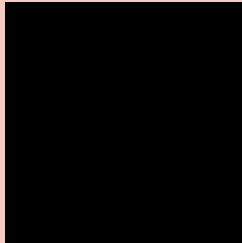
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5486, 0.3529, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 65.5486, 0.3529, 0.3376.

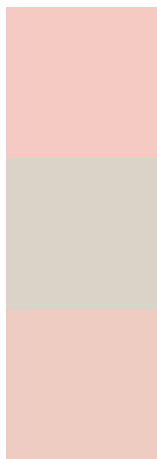


This preview shows how white text looks on a background with the Yxy color 65.5486, 0.3529, 0.3376.

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

65.5486, 0.3529, 0.3376

Protanopia

65.7721, 0.3272, 0.3426

Deuteranopia

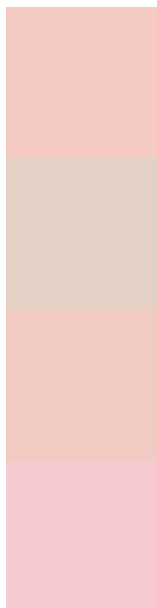
65.4315, 0.3477, 0.3399



Tritanopia

65.4760, 0.3395, 0.3134

Trichromacy



Original Color

65.5486, 0.3529, 0.3376

Protanomaly

65.6369, 0.3360, 0.3412

Deuteranomaly

65.3077, 0.3495, 0.3388

Tritanomaly

65.4064, 0.3439, 0.3217

Monochromacy



Original Color

65.5486, 0.3529, 0.3376

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.6057, 0.3261, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5486, 0.3529, 0.3376 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(245, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 194)  
}
```

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(245, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 194) }
```

Border

The CSS property to change the border of an element to Yxy 65.5486, 0.3529, 0.3376 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(245, 202, 194) }
```

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

```
.border{ border-color:rgb(245, 202, 194) }
```

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

Here you see how a box with a 4 pixel rgb(245, 202, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5486, 0.3529, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 194) }
```

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

```
.background{ background-color: rgb(245,  
202, 194) }
```

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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