

Converting Colors

$Yxy(68.0341, 0.3536, 0.3570)$

Have a look what the booklet for
Yxy(68.0341, 0.3536, 0.3570)
contains.

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Color

Yxy(67.9046, 0.3540, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	EFD2B8
RGB	239, 210, 184
RGB Percent	94%, 82%, 72%
CMY	0.0627, 0.1765, 0.2785
CMYK	0.00, 0.12, 0.23, 0.06
HSL	28°, 63%, 83%
HSV	28°, 23%, 94%
XYZ	67.2963, 67.9046, 54.9016
YIQ	215.7070, 25.6300, -1.9380

Conversions

Conversions Part 2

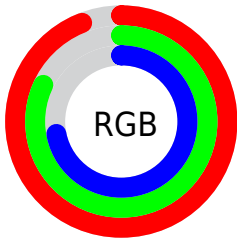
Format	Color
R _Y B	239, 233, 184
Decimal	15717048
CIE Lab	85.96, 6.17, 16.60
CIE LCh	86, 17.713, 69.628
Yxy	67.9046, 0.3540, 0.3572
Android (android.graphics.Color)	4293907128 (0xFFEFD2B8)
YUV	215.7070, -15.6316, 20.4280
Hunter-Lab	82.4042, 1.5664, 18.1812

Details

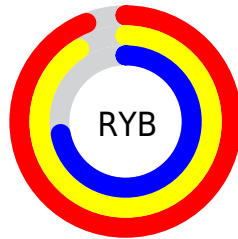
The Yxy color **67.9046, 0.3540, 0.3572** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0087, 0.2763, 0.2990**, and the grayscale version is **68.5568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.3607, 0.3634, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **61.0094, 0.3762, 0.3701**, and if you desaturate by 10%, it is **75.4652, 0.3344, 0.3445**.

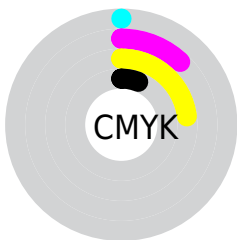
Distribution



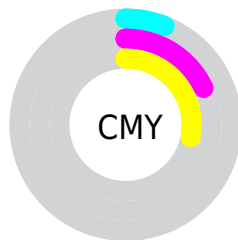
- Red (94%)
- Green (82%)
- Blue (72%)



- Red (94%)
- Yellow (91%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9046, 0.3540, 0.3572 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 67.9046, 0.3540, 0.3572 by changing the saturation by 10% instead.


 67.9046, 0.3540,
0.3572

 67.9046, 0.3540,
0.3572


453.1579, 0.3346,
0.3442

 49.8201, 0.3585,
0.3601


 116.2157, 0.3472,
0.3527

 35.2705, 0.3641,
0.3637


147.2110, 0.3446,
0.3510

 23.8713, 0.3713,
0.3682


183.2788, 0.3423,
0.3495

 15.2382, 0.3807,
0.3740

224.8034, 0.3404,
0.3482

 8.9867, 0.3936,
0.3817

272.1693, 0.3386,
0.3470

 4.7325, 0.4123,
0.3923

325.7607, 0.3371,

 2.0912, 0.4427,

0.3460

0.4084

385.9621, 0.3358,
0.3451

0.6597, 0.5410,
0.4590

0.0000, 0.0000,
0.0000

67.9046, 0.3540,
0.3572

67.9046, 0.3540,
0.3572

61.0094, 0.3762,
0.3701

75.4652, 0.3344,
0.3445

54.7506, 0.4011,
0.3828

83.7008, 0.3174,
0.3325

49.1106, 0.4283,
0.3944

92.5876, 0.3030,
0.3219

44.0669, 0.4570,
0.4038

97.0924, 0.3029,
0.3290

■ 39.5957, 0.4860,
0.4096

■ 35.6706, 0.5133,
0.4108

■ 32.2617, 0.5370,
0.4064

■ 30.1634, 0.5512,
0.4006

Harmonies

Analogous

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



67.9046, 0.3551, 0.3408



67.9046, 0.3540, 0.3572



67.9046, 0.3416, 0.3667

Triad

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



67.9046, 0.3540, 0.3572



67.9046, 0.2818, 0.3348



67.9046, 0.3027, 0.2951

Complementary

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



67.9046, 0.3540, 0.3572



64.0087, 0.2763, 0.2990

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.



67.9046, 0.2839, 0.2927



67.9046, 0.3540, 0.3572



67.9046, 0.2721, 0.3147

Square

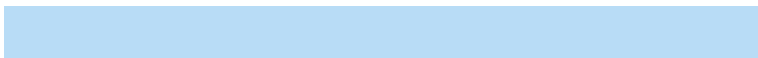
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9046, 0.3540, 0.3572



67.9046, 0.2997, 0.3540



67.9046, 0.2729, 0.2995



67.9046, 0.3249, 0.3058

Rectangle

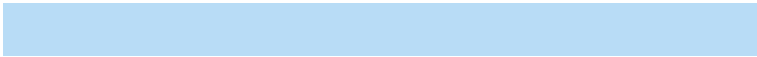
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9046, 0.3540, 0.3572



67.9046, 0.3287, 0.3674



67.9046, 0.2729, 0.2995



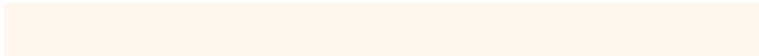
67.9046, 0.2958, 0.2933

Sweetspot

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



67.9077, 0.3540, 0.3572



93.0453, 0.3239, 0.3372



57.4507, 0.3355, 0.2975



19.7911, 0.3250, 0.3380



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.



67.9077, 0.3540, 0.3572



74.5143, 0.3649, 0.3638



82.4827, 0.3479, 0.3847



16.9914, 0.3281, 0.3402



16.9260, 0.5486, 0.4026



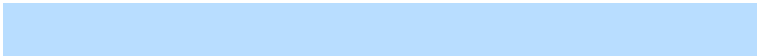
1.6059, 0.5272, 0.4196

Inverse Universe

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



64.0087, 0.2763, 0.2990



69.2019, 0.2680, 0.2914



51.4659, 0.2737, 0.2665



16.6082, 0.2980, 0.3176



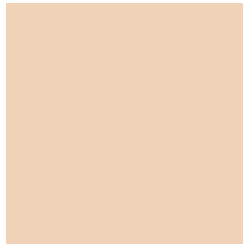
11.9553, 0.1797, 0.1670



1.1937, 0.1861, 0.1899

Previews

White Background



This preview shows how the Yxy color 67.9046, 0.3540, 0.3572 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 67.9046, 0.3540, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

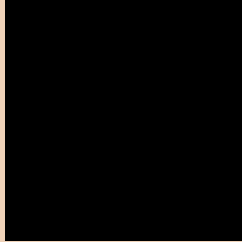
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9046, 0.3540, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 67.9046, 0.3540, 0.3572.



This preview shows how white text looks on a background with the Yxy color 67.9046, 0.3540, 0.3572.

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

67.9046, 0.3540, 0.3572

Protanopia

68.3148, 0.3413, 0.3613

Deuteranopia

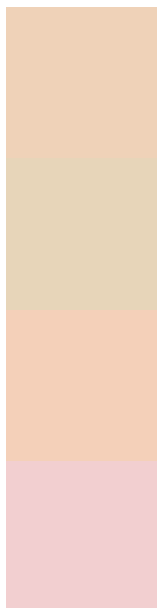
67.9026, 0.3603, 0.3524



Tritanopia

67.9378, 0.3303, 0.3123

Trichromacy



Original Color

67.9046, 0.3540, 0.3572

Protanomaly

68.0802, 0.3463, 0.3599

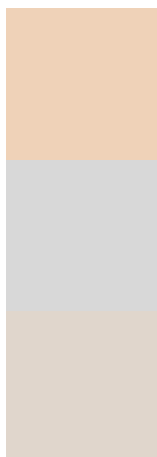
Deuteranomaly

67.8476, 0.3577, 0.3537

Tritanomaly

68.0570, 0.3389, 0.3280

Monochromacy



Original Color

67.9046, 0.3540, 0.3572

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3001, 0.3271, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9046, 0.3540, 0.3572 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(239, 210, 184)` looks like.

```
.text, #text, p{  
    color:rgb(239, 210, 184)  
}
```

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(239, 210, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 210, 184) }
```

Border

The CSS property to change the border of an element to Yxy 67.9046, 0.3540, 0.3572 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(239, 210, 184) }
```

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

```
.border{ border-color:rgb(239, 210, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 210, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 210, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 210, 184);  
box-shadow:4px 4px 4px 4px rgb(239, 210,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9046, 0.3540, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 210, 184) }
```

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

```
.background{ background-color: rgb(239,  
210, 184) }
```

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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