

Converting Colors

Yxy(56.6813, 0.3592, 0.3465)

Have a look what the booklet for
Yxy(56.6813, 0.3592, 0.3465)
contains.

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Color

Yxy(56.7059, 0.3594, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	E6BEAE
RGB	230, 190, 174
RGB Percent	90%, 75%, 68%
CMY	0.0981, 0.2549, 0.3177
CMYK	0.00, 0.17, 0.24, 0.10
HSL	17°, 53%, 79%
HSV	17°, 24%, 90%
XYZ	58.6815, 56.7059, 47.8890
YIQ	200.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

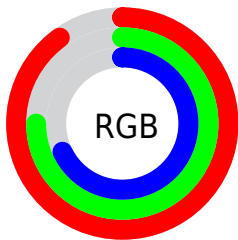
Format	Color
R _Y B	230, 196, 174
Decimal	15122094
CIE Lab	80.01, 11.90, 13.44
CIE LCh	80, 17.954, 48.486
Yxy	56.7059, 0.3594, 0.3473
Android (android.graphics.Color)	4293312174 (0xFFE6BEAE)
YUV	200.1360, -12.8850, 26.1907
Hunter-Lab	75.3033, 7.3187, 15.0070

Details

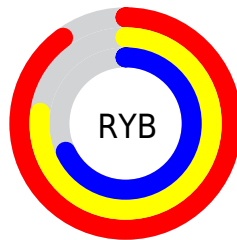
The Yxy color **56.7059, 0.3594, 0.3473** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7808, 0.2753, 0.3099**, and the grayscale version is **57.9146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8287, 0.3289, 0.3457**, and **28.2951, 0.3716, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **49.1710, 0.3849, 0.3553**, and if you desaturate by 10%, it is **65.2005, 0.3378, 0.3395**.

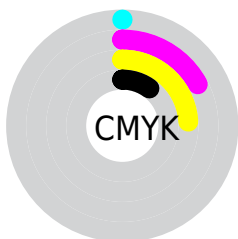
Distribution



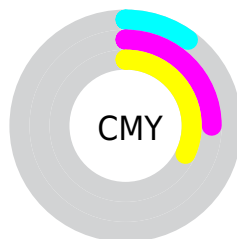
- Red (90%)
- Green (75%)
- Blue (68%)



- Red (90%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7059, 0.3594, 0.3473 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 56.7059, 0.3594, 0.3473 by changing the saturation by 10% instead.


 56.7059, 0.3594,
0.3473

 56.7059, 0.3594,
0.3473


412.3464, 0.3366,
0.3389

 40.7692, 0.3649,
0.3492


 100.0359, 0.3513,
0.3444

 28.1388, 0.3719,
0.3515


128.1980, 0.3482,
0.3433

 18.4303, 0.3809,
0.3544


161.2040, 0.3455,
0.3423

 11.2593, 0.3932,
0.3581

199.4383, 0.3433,
0.3414

 6.2416, 0.4108,
0.3629

243.2853, 0.3413,
0.3407

 2.9925, 0.4377,
0.3690

293.1294, 0.3396,

 1.1278, 0.5098,

0.3400

0.3963

349.3549, 0.3380,
0.3394

0.0015, 0.9948,
0.0052

0.0000, 0.0000,
0.0000

56.7059, 0.3594,
0.3473

56.7059, 0.3594,
0.3473

49.1710, 0.3849,
0.3553

65.2005, 0.3378,
0.3395

42.5539, 0.4146,
0.3630

74.6796, 0.3197,
0.3321

36.8206, 0.4485,
0.3697

85.1766, 0.3044,
0.3252

31.9324, 0.4854,
0.3744

95.5604, 0.2976,
0.3290

■ 27.8471, 0.5233,
0.3759

■ 24.5186, 0.5590,
0.3731

■ 21.8953, 0.5883,
0.3657

■ 20.6962, 0.6018,
0.3603

Harmonies

Analogous

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



56.7059, 0.3514, 0.3275



56.7059, 0.3594, 0.3473



56.7059, 0.3543, 0.3633

Triad

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



56.7059, 0.3594, 0.3473



56.7059, 0.2923, 0.3504



56.7059, 0.2870, 0.2898

Complementary

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



56.7059, 0.3594, 0.3473



62.7808, 0.2753, 0.3099

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.



56.7059, 0.2723, 0.2941



56.7059, 0.3594, 0.3473



56.7059, 0.2754, 0.3286

Square

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



56.7059, 0.3594, 0.3473



56.7059, 0.3152, 0.3661



56.7059, 0.2682, 0.3080



56.7059, 0.3089, 0.2952

Rectangle

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



56.7059, 0.3594, 0.3473



56.7059, 0.3444, 0.3694



56.7059, 0.2682, 0.3080



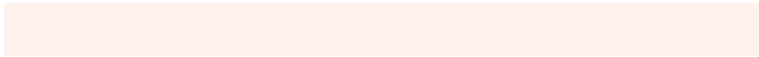
56.7059, 0.2811, 0.2901

Sweetspot

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



56.7085, 0.3594, 0.3473



91.0416, 0.3242, 0.3340



51.9482, 0.3284, 0.2848



19.3277, 0.3253, 0.3345



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.



56.7085, 0.3594, 0.3473



66.9403, 0.3712, 0.3512



69.9416, 0.3523, 0.3774



15.0364, 0.3285, 0.3358



11.8996, 0.5991, 0.3625



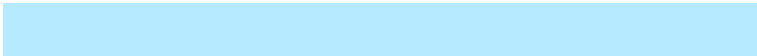
1.0342, 0.5703, 0.3854

Inverse Universe

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



62.7808, 0.2753, 0.3099



75.8015, 0.2681, 0.3056



49.8773, 0.2724, 0.2755



15.6027, 0.2981, 0.3221



18.5198, 0.1982, 0.2333



1.5253, 0.2025, 0.2490

Previews

White Background



This preview shows how the Yxy color 56.7059, 0.3594, 0.3473 looks on a white background.

Color Contrast Check

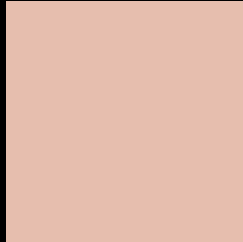
Large Text (above 18pt) WCAG AA × Fail

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 56.7059, 0.3594, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

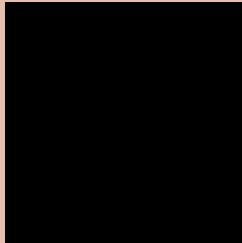
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7059, 0.3594, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 56.7059, 0.3594, 0.3473.



This preview shows how white text looks on a background with the Yxy color 56.7059, 0.3594, 0.3473.

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

56.7059, 0.3594, 0.3473

Protanopia

56.8679, 0.3350, 0.3530

Deuteranopia

56.6485, 0.3566, 0.3486



Tritanopia

56.6585, 0.3403, 0.3125

Trichromacy



Original Color

56.7059, 0.3594, 0.3473

Protanomaly

56.6516, 0.3430, 0.3503

Deuteranomaly

56.8116, 0.3574, 0.3485

Tritanomaly

56.4580, 0.3476, 0.3246

Monochromacy



Original Color

56.7059, 0.3594, 0.3473

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0903, 0.3286, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7059, 0.3594, 0.3473 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(230, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 174)  
}
```

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(230, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 174) }
```

Border

The CSS property to change the border of an element to Yxy 56.7059, 0.3594, 0.3473 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(230, 190, 174) }
```

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

```
.border{ border-color:rgb(230, 190, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7059, 0.3594, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 174) }
```

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

```
.background{ background-color: rgb(230,  
190, 174) }
```

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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