

Converting Colors

Yxy(56.1348, 0.3588, 0.3347)

Have a look what the booklet for
Yxy(56.1348, 0.3588, 0.3347)
contains.

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Color

Yxy(56.1162, 0.3588, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	EBBAB5
RGB	235, 186, 181
RGB Percent	92%, 73%, 71%
CMY	0.0785, 0.2705, 0.2901
CMYK	0.00, 0.21, 0.23, 0.08
HSL	6°, 57%, 82%
HSV	6°, 23%, 92%
XYZ	60.1568, 56.1162, 51.3882
YIQ	200.0810, 30.8090, 8.8330

Conversions

Conversions Part 2

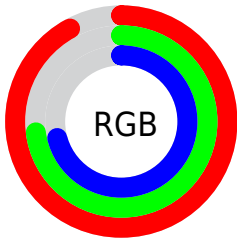
Format	Color
R _Y B	235, 187, 181
Decimal	15448757
CIE Lab	79.68, 16.88, 9.25
CIE LCh	80, 19.247, 28.725
Yxy	56.1162, 0.3588, 0.3347
Android (android.graphics.Color)	4293638837 (0xFFE8B85)
YUV	200.0810, -9.4069, 30.6240
Hunter-Lab	74.9107, 12.2500, 11.7651

Details

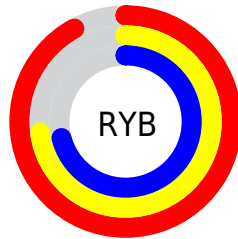
The Yxy color **56.1162, 0.3588, 0.3347** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4108, 0.2783, 0.3232**, and the grayscale version is **57.8575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8787, 0.3244, 0.3339**, and **27.7985, 0.3709, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **46.9086, 0.3868, 0.3374**, and if you desaturate by 10%, it is **66.8324, 0.3360, 0.3321**.

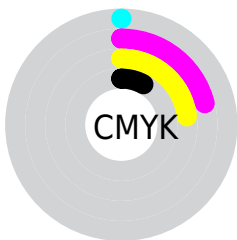
Distribution



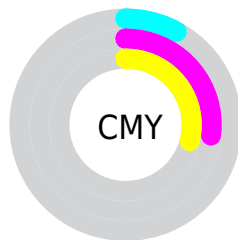
- Red (92%)
- Green (73%)
- Blue (71%)



- Red (92%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1162, 0.3588, 0.3347 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 56.1162, 0.3588, 0.3347 by changing the saturation by 10% instead.


 56.1162, 0.3588,
0.3347

 56.1162, 0.3588,
0.3347


410.1293, 0.3363,
0.3323

 40.2961, 0.3643,
0.3352


 99.1745, 0.3507,
0.3339

 27.7695, 0.3712,
0.3357


127.1814, 0.3477,
0.3336

 18.1520, 0.3802,
0.3362


160.0194, 0.3451,
0.3333

 11.0591, 0.3926,
0.3368

198.0729, 0.3428,
0.3331

 6.1066, 0.4103,
0.3373

241.7262, 0.3409,
0.3329

 2.9100, 0.4378,
0.3371

291.3638, 0.3392,

 1.0849, 0.4958,

0.3327

0.3408

347.3700, 0.3376,
0.3325

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1162, 0.3588,
0.3347

56.1162, 0.3588,
0.3347

46.9086, 0.3868,
0.3374

66.8324, 0.3360,
0.3321

39.1347, 0.4207,
0.3399

79.1127, 0.3175,
0.3297

32.7245, 0.4605,
0.3420

93.0191, 0.3025,
0.3275

27.5991, 0.5049,
0.3432

96.3986, 0.3005,
0.3290

■ 23.6717, 0.5505,
0.3430

■ 20.8447, 0.5915,
0.3410

■ 19.0046, 0.6213,
0.3373

■ 18.2223, 0.6342,
0.3346

Harmonies

Analogous

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



56.1162, 0.3419, 0.3138



56.1162, 0.3588, 0.3347



56.1162, 0.3627, 0.3551

Triad

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



56.1162, 0.3588, 0.3347



56.1162, 0.3066, 0.3644



56.1162, 0.2736, 0.2887

Complementary

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



56.1162, 0.3588, 0.3347



72.4108, 0.2783, 0.3232

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.



56.1162, 0.2651, 0.3002



56.1162, 0.3588, 0.3347



56.1162, 0.2836, 0.3444

Square

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



56.1162, 0.3588, 0.3347



56.1162, 0.3319, 0.3737



56.1162, 0.2687, 0.3204



56.1162, 0.2924, 0.2878

Rectangle

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



56.1162, 0.3588, 0.3347



56.1162, 0.3574, 0.3659



56.1162, 0.2687, 0.3204



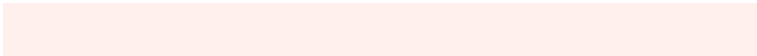
56.1162, 0.2695, 0.2914

Sweetspot

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



56.1188, 0.3588, 0.3347



88.9997, 0.3245, 0.3306



56.4557, 0.3189, 0.2764



18.8562, 0.3256, 0.3308



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.



56.1188, 0.3588, 0.3347



61.6191, 0.3726, 0.3361



68.3316, 0.3524, 0.3634



15.2780, 0.3291, 0.3312



10.2228, 0.6328, 0.3358



0.8794, 0.6159, 0.3492

Inverse Universe

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



72.4108, 0.2783, 0.3232



84.7399, 0.2712, 0.3218



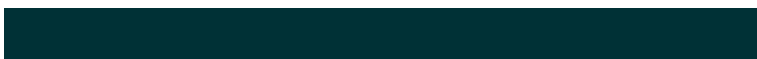
58.7738, 0.2758, 0.2920



16.8698, 0.2981, 0.3268



29.9986, 0.2166, 0.2998



2.4252, 0.2178, 0.3042

Previews

White Background



This preview shows how the Yxy color 56.1162, 0.3588, 0.3347 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 56.1162, 0.3588, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

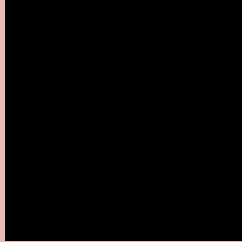
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1162, 0.3588, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 56.1162, 0.3588, 0.3347.



This preview shows how white text looks on a background with the Yxy color 56.1162, 0.3588, 0.3347.

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

56.1162, 0.3588, 0.3347

Protanopia

56.3577, 0.3258, 0.3410

Deuteranopia

56.2449, 0.3482, 0.3418



Tritanopia

55.9487, 0.3467, 0.3126

Trichromacy



Original Color

56.1162, 0.3588, 0.3347

Protanomaly

56.0898, 0.3370, 0.3385

Deuteranomaly

56.0214, 0.3521, 0.3394

Tritanomaly

55.9196, 0.3508, 0.3203

Monochromacy



Original Color

56.1162, 0.3588, 0.3347

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0266, 0.3288, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1162, 0.3588, 0.3347 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, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 181)  
}
```

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, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 181) }
```

Border

The CSS property to change the border of an element to Yxy 56.1162, 0.3588, 0.3347 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, 186, 181) }
```

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

```
.border{ border-color:rgb(235, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1162, 0.3588, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 181) }
```

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

```
.background{ background-color: rgb(235,  
186, 181) }
```

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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