

Converting Colors

$Yxy(56.8520, 0.3500, 0.3399)$

Have a look what the booklet for
Yxy(56.8520, 0.3500, 0.3399)
contains.

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Color

Yxy(56.9287, 0.3508, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	E3BFB5
RGB	227, 191, 181
RGB Percent	89%, 75%, 71%
CMY	0.1098, 0.2510, 0.2902
CMYK	0.00, 0.16, 0.20, 0.11
HSL	13°, 45%, 80%
HSV	13°, 20%, 89%
XYZ	58.6508, 56.9287, 51.6120
YIQ	200.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

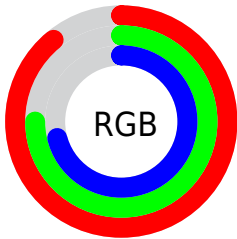
Format	Color
R _Y B	227, 194, 181
Decimal	14925749
CIE Lab	80.14, 11.28, 9.82
CIE LCh	80, 14.957, 41.022
Yxy	56.9287, 0.3508, 0.3405
Android (android.graphics.Color)	4293115829 (0xFFE3BFB5)
YUV	200.6240, -9.6746, 23.1318
Hunter-Lab	75.4511, 6.7148, 12.2587

Details

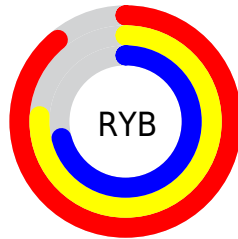
The Yxy color **56.9287, 0.3508, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9960, 0.2818, 0.3172**, and the grayscale version is **58.2150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8960, 0.3239, 0.3387**, and **28.3934, 0.3609, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **48.7900, 0.3756, 0.3466**, and if you desaturate by 10%, it is **66.1641, 0.3302, 0.3346**.

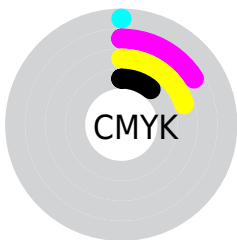
Distribution



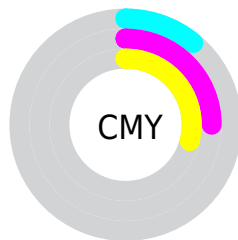
- Red (89%)
- Green (75%)
- Blue (71%)



- Red (89%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9287, 0.3508, 0.3405 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 56.9287, 0.3508, 0.3405 by changing the saturation by 10% instead.


 56.9287, 0.3508,
0.3405

 56.9287, 0.3508,
0.3405


413.1821, 0.3323,
0.3352

 40.9480, 0.3553,
0.3417


 100.3611, 0.3442,
0.3387

 28.2785, 0.3610,
0.3431


128.5817, 0.3417,
0.3380

 18.5357, 0.3684,
0.3449


161.6509, 0.3395,
0.3374

 11.3352, 0.3784,
0.3473

199.9533, 0.3377,
0.3368

 6.2928, 0.3929,
0.3503

243.8733, 0.3360,
0.3364

 3.0239, 0.4152,
0.3542

293.7951, 0.3346,

 1.1442, 0.4629,

0.3359

0.3658

350.1032, 0.3334,
0.3356

0.0154, 0.9495,
0.0505

0.0000, 0.0000,
0.0000

56.9287, 0.3508,
0.3405

56.9287, 0.3508,
0.3405

48.7900, 0.3756,
0.3466

66.1641, 0.3302,
0.3346

41.6994, 0.4050,
0.3526

76.5272, 0.3131,
0.3291

35.6162, 0.4393,
0.3580

88.0571, 0.2990,
0.3241

30.4938, 0.4778,
0.3621

95.0718, 0.2958,
0.3290

■ 26.2820, 0.5188,
0.3638

■ 22.9258, 0.5585,
0.3622

■ 20.3636, 0.5923,
0.3567

■ 18.5591, 0.6163,
0.3488

Harmonies

Analogous

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



56.9287, 0.3416, 0.3238



56.9287, 0.3508, 0.3405



56.9287, 0.3494, 0.3549

Triad

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



56.9287, 0.3508, 0.3405



56.9287, 0.3003, 0.3506



56.9287, 0.2875, 0.2963

Complementary

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



56.9287, 0.3508, 0.3405



64.9960, 0.2818, 0.3172

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.



56.9287, 0.2772, 0.3022



56.9287, 0.3508, 0.3405



56.9287, 0.2844, 0.3334

Square

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



56.9287, 0.3508, 0.3405



56.9287, 0.3198, 0.3616



56.9287, 0.2761, 0.3156



56.9287, 0.3047, 0.2988

Rectangle

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



56.9287, 0.3508, 0.3405



56.9287, 0.3426, 0.3612



56.9287, 0.2761, 0.3156



56.9287, 0.2832, 0.2973

Sweetspot

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



56.9313, 0.3508, 0.3405



91.6509, 0.3226, 0.3323



54.3909, 0.3229, 0.2892



19.4296, 0.3237, 0.3326



0.0000, 0.0000, 0.0000



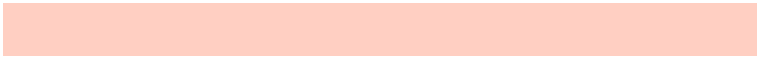
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9313, 0.3508, 0.3405



69.8245, 0.3599, 0.3429



67.7460, 0.3459, 0.3658



14.8735, 0.3287, 0.3342



10.9633, 0.6140, 0.3507



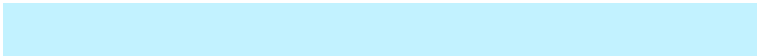
0.9452, 0.5861, 0.3728

Inverse Universe

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



64.9960, 0.2818, 0.3172



81.9834, 0.2760, 0.3147



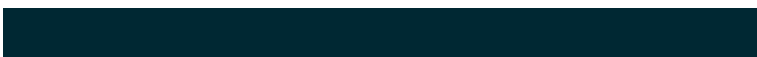
53.9689, 0.2800, 0.2893



15.7765, 0.2981, 0.3238



21.8979, 0.2049, 0.2576



1.7505, 0.2081, 0.2692

Previews

White Background



This preview shows how the Yxy color 56.9287, 0.3508, 0.3405 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 56.9287, 0.3508, 0.3405 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 56.9287, 0.3508, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 56.9287, 0.3508, 0.3405.

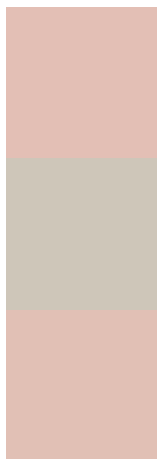


This preview shows how white text looks on a background with the Yxy color 56.9287, 0.3508, 0.3405.

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

56.9287, 0.3508, 0.3405

Protanopia

57.0128, 0.3288, 0.3446

Deuteranopia

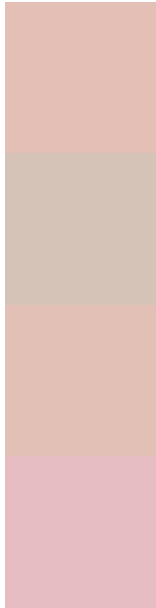
57.0430, 0.3489, 0.3417



Tritanopia

57.0537, 0.3367, 0.3135

Trichromacy



Original Color

56.9287, 0.3508, 0.3405

Protanomaly

56.7870, 0.3366, 0.3420

Deuteranomaly

57.2042, 0.3497, 0.3417

Tritanomaly

56.9482, 0.3422, 0.3235

Monochromacy



Original Color

56.9287, 0.3508, 0.3405

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5292, 0.3254, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9287, 0.3508, 0.3405 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(227, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 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(227, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 181) }
```

Border

The CSS property to change the border of an element to Yxy 56.9287, 0.3508, 0.3405 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(227, 191, 181) }
```

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

```
.border{ border-color:rgb(227, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9287, 0.3508, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 181) }
```

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

```
.background{ background-color: rgb(227,  
191, 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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