

Converting Colors

Yxy(58.1721, 0.3501, 0.3436)

Have a look what the booklet for
Yxy(58.1721, 0.3501, 0.3436)
contains.

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Color

Yxy(58.2507, 0.3501, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	E3C2B5
RGB	227, 194, 181
RGB Percent	89%, 76%, 71%
CMY	0.1100, 0.2391, 0.2902
CMYK	0.00, 0.15, 0.20, 0.11
HSL	17°, 45%, 80%
HSV	17°, 20%, 89%
XYZ	59.3009, 58.2507, 51.8311
YIQ	202.3850, 23.8410, 2.9530

Conversions

Conversions Part 2

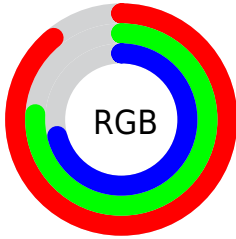
Format	Color
R_{YB}	227, 199, 181
Decimal	14926517
CIE _{Lab}	80.88, 9.67, 10.87
CIE _{LCh}	81, 14.547, 48.348
Yxy	58.2507, 0.3501, 0.3439
Android (android.graphics.Color)	4293116597 (0xFFE3C2B5)
YUV	202.3850, -10.5428, 21.5874
Hunter-Lab	76.3221, 5.1274, 13.1611

Details

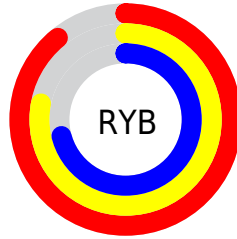
The Yxy color **58.2507, 0.3501, 0.3439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.4272, 0.2815, 0.3136**, and the grayscale version is **59.3707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3688, 0.3236, 0.3426**, and **28.9726, 0.3602, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **50.5473, 0.3740, 0.3518**, and if you desaturate by 10%, it is **66.9035, 0.3300, 0.3363**.

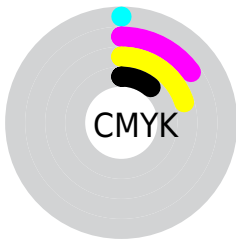
Distribution



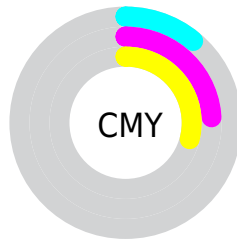
- Red (89%)
- Green (76%)
- Blue (71%)



- Red (89%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2507, 0.3501, 0.3439 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 58.2507, 0.3501, 0.3439 by changing the saturation by 10% instead.


 58.2507, 0.3501,
0.3439

 58.2507, 0.3501,
0.3439


418.1194, 0.3320,
0.3370

 42.0102, 0.3545,
0.3455


 102.2878, 0.3436,
0.3415

 29.1093, 0.3600,
0.3474


130.8533, 0.3412,
0.3406

 19.1635, 0.3671,
0.3499


164.2959, 0.3391,
0.3398

 11.7885, 0.3768,
0.3530

203.0000, 0.3373,
0.3391

 6.5998, 0.3906,
0.3572

247.3500, 0.3357,
0.3385

 3.2131, 0.4118,
0.3630

297.7303, 0.3343,

 1.2440, 0.4558,

0.3379

0.3771

354.5253, 0.3331,
0.3374

0.0972, 0.7716,
0.2284

0.0000, 0.0000,
0.0000

58.2507, 0.3501,
0.3439

58.2507, 0.3501,
0.3439

50.5473, 0.3740,
0.3518

66.9035, 0.3300,
0.3363

43.7528, 0.4020,
0.3596

76.5290, 0.3131,
0.3292

37.8350, 0.4342,
0.3667

87.1594, 0.2989,
0.3226

32.7570, 0.4701,
0.3723

95.0644, 0.2958,
0.3290

■ 28.4790, 0.5081,
0.3752

■ 24.9576, 0.5453,
0.3743

■ 22.1450, 0.5777,
0.3688

■ 20.0268, 0.6024,
0.3599

Harmonies

Analogous

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



58.2507, 0.3436, 0.3279



58.2507, 0.3501, 0.3439



58.2507, 0.3462, 0.3566

Triad

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



58.2507, 0.3501, 0.3439



58.2507, 0.2965, 0.3462



58.2507, 0.2920, 0.2973

Complementary

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



58.2507, 0.3501, 0.3439



63.4272, 0.2815, 0.3136

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.



58.2507, 0.2801, 0.3010



58.2507, 0.3501, 0.3439



58.2507, 0.2826, 0.3289

Square

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



58.2507, 0.3501, 0.3439



58.2507, 0.3149, 0.3586



58.2507, 0.2767, 0.3124



58.2507, 0.3096, 0.3016

Rectangle

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



58.2507, 0.3501, 0.3439



58.2507, 0.3383, 0.3614



58.2507, 0.2767, 0.3124



58.2507, 0.2872, 0.2976

Sweetspot

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



58.2533, 0.3501, 0.3439



92.2563, 0.3225, 0.3332



54.2223, 0.3253, 0.2925



19.5723, 0.3236, 0.3337



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.



58.2533, 0.3501, 0.3439



71.8055, 0.3589, 0.3470



69.2866, 0.3452, 0.3690



15.0297, 0.3285, 0.3357



11.8556, 0.5997, 0.3620



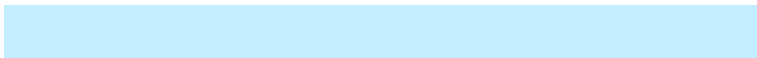
1.0302, 0.5710, 0.3848

Inverse Universe

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



63.4272, 0.2815, 0.3136



79.6126, 0.2756, 0.3103



52.6090, 0.2797, 0.2856



15.6098, 0.2981, 0.3222



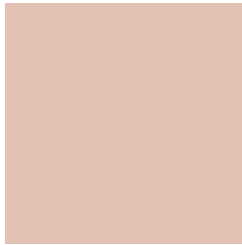
18.6513, 0.1984, 0.2343



1.5342, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 58.2507, 0.3501, 0.3439 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 58.2507, 0.3501, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

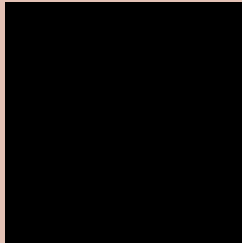
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2507, 0.3501, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 58.2507, 0.3501, 0.3439.



This preview shows how white text looks on a background with the Yxy color 58.2507, 0.3501, 0.3439.

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

58.2507, 0.3501, 0.3439

Protanopia

58.1791, 0.3309, 0.3480

Deuteranopia

58.4137, 0.3510, 0.3438



Tritanopia

58.0577, 0.3340, 0.3124

Trichromacy



Original Color

58.2507, 0.3501, 0.3439

Protanomaly

58.2541, 0.3377, 0.3466

Deuteranomaly

58.4137, 0.3510, 0.3438

Tritanomaly

57.9051, 0.3403, 0.3235

Monochromacy



Original Color

58.2507, 0.3501, 0.3439

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5908, 0.3259, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2507, 0.3501, 0.3439 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, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 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, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 181) }
```

Border

The CSS property to change the border of an element to Yxy 58.2507, 0.3501, 0.3439 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, 194, 181) }
```

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

```
.border{ border-color:rgb(227, 194, 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, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 194,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2507, 0.3501, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 181) }
```

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

```
.background{ background-color: rgb(227,  
194, 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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