

Converting Colors

$Yxy(58.5635, 0.3503, 0.3302)$

Have a look what the booklet for
Yxy(58.5635, 0.3503, 0.3302)
contains.

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Color

Yxy(58.6415, 0.3502, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	EBBFBE
RGB	235, 191, 190
RGB Percent	92%, 75%, 75%
CMY	0.0783, 0.2510, 0.2549
CMYK	0.00, 0.19, 0.19, 0.08
HSL	1°, 53%, 83%
HSV	1°, 19%, 92%
XYZ	62.1934, 58.6415, 56.7590
YIQ	204.0420, 26.5450, 9.0170

Conversions

Conversions Part 2

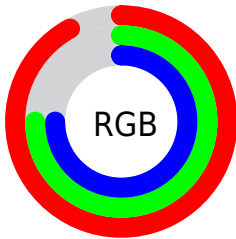
Format	Color
R _Y B	235, 191, 190
Decimal	15450046
CIE Lab	81.09, 15.57, 6.44
CIE LCh	81, 16.853, 22.474
Yxy	58.6415, 0.3502, 0.3302
Android (android.graphics.Color)	4293640126 (0xFFE8BFB8)
YUV	204.0420, -6.9227, 27.1502
Hunter-Lab	76.5777, 10.9595, 9.6590

Details

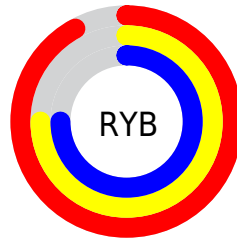
The Yxy color **58.6415, 0.3502, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8167, 0.2839, 0.3278**, and the grayscale version is **60.4465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4353, 0.3185, 0.3300**, and **29.2812, 0.3603, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **48.4467, 0.3770, 0.3309**, and if you desaturate by 10%, it is **70.5808, 0.3286, 0.3296**.

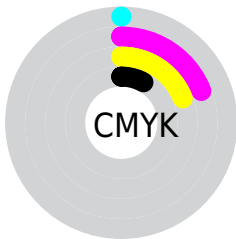
Distribution



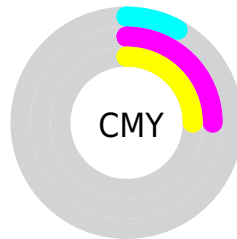
- Red (92%)
- Green (75%)
- Blue (75%)



- Red (92%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6415, 0.3502, 0.3302 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 58.6415, 0.3502, 0.3302 by changing the saturation by 10% instead.


 58.6415, 0.3502,
0.3302

 58.6415, 0.3502,
0.3302


419.5721, 0.3320,
0.3299

 42.3246, 0.3546,
0.3302


 102.8564, 0.3437,
0.3301

 29.3555, 0.3601,
0.3302


131.5233, 0.3413,
0.3301

 19.3499, 0.3672,
0.3301


165.0755, 0.3392,
0.3301

 11.9234, 0.3769,
0.3299

203.8976, 0.3374,
0.3300

 6.6915, 0.3908,
0.3294

248.3739, 0.3358,
0.3300

 3.2700, 0.4121,
0.3281

298.8888, 0.3344,

 1.2742, 0.4493,

0.3299

0.3247

355.8267, 0.3331,
0.3299

0.1211, 0.8035,
0.1965

0.0000, 0.0000,
0.0000

58.6415, 0.3502,
0.3302

58.6415, 0.3502,
0.3302

48.4467, 0.3770,
0.3309

70.5808, 0.3286,
0.3296

39.9072, 0.4101,
0.3316

84.3324, 0.3114,
0.3290

32.9381, 0.4498,
0.3322

96.4071, 0.3006,
0.3290

27.4439, 0.4951,
0.3326

■ 23.3184, 0.5429,
0.3328

■ 20.4415, 0.5871,
0.3324

■ 18.6722, 0.6202,
0.3316

■ 17.8255, 0.6378,
0.3309

■ 17.7790, 0.6389,
0.3309

Harmonies

Analogous

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



58.6415, 0.3339, 0.3124



58.6415, 0.3502, 0.3302



58.6415, 0.3561, 0.3484

Triad

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



58.6415, 0.3502, 0.3302



58.6415, 0.3121, 0.3619



58.6415, 0.2765, 0.2955

Complementary

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



58.6415, 0.3502, 0.3302



75.8167, 0.2839, 0.3278

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.



58.6415, 0.2712, 0.3074



58.6415, 0.3502, 0.3302



58.6415, 0.2913, 0.3463

Square

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



58.6415, 0.3502, 0.3302



58.6415, 0.3336, 0.3677



58.6415, 0.2765, 0.3260



58.6415, 0.2912, 0.2927

Rectangle

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



58.6415, 0.3502, 0.3302



58.6415, 0.3532, 0.3584



58.6415, 0.2765, 0.3260



58.6415, 0.2735, 0.2985

Sweetspot

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



58.6442, 0.3502, 0.3302



89.8747, 0.3228, 0.3294



60.4533, 0.3155, 0.2822



19.0114, 0.3240, 0.3294



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.



58.6442, 0.3502, 0.3302



65.4839, 0.3601, 0.3305



69.1085, 0.3457, 0.3543



15.1069, 0.3292, 0.3296



9.9160, 0.6384, 0.3313



0.7974, 0.6340, 0.3348

Inverse Universe

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



75.8167, 0.2839, 0.3278



89.7043, 0.2784, 0.3276



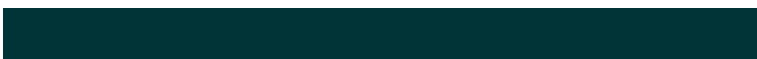
63.9184, 0.2824, 0.3023



17.0618, 0.2981, 0.3284



34.8130, 0.2228, 0.3221



2.7517, 0.2231, 0.3231

Previews

White Background



This preview shows how the Yxy color 58.6415, 0.3502, 0.3302 looks on a white background.

Color Contrast Check

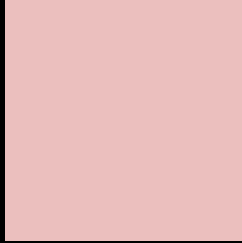
Large Text (above 18pt) WCAG AA × Fail

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 58.6415, 0.3502, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

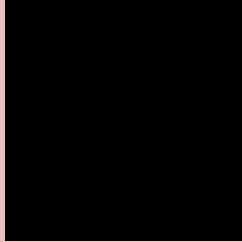
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6415, 0.3502, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 58.6415, 0.3502, 0.3302.



This preview shows how white text looks on a background with the Yxy color 58.6415, 0.3502, 0.3302.

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

58.6415, 0.3502, 0.3302

Protanopia

58.9788, 0.3218, 0.3361

Deuteranopia

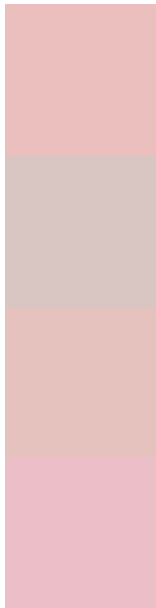
58.8731, 0.3427, 0.3359



Tritanopia

58.7594, 0.3408, 0.3128

Trichromacy



Original Color

58.6415, 0.3502, 0.3302

Protanomaly

58.5345, 0.3318, 0.3337

Deuteranomaly

58.9157, 0.3454, 0.3347

Tritanomaly

58.7833, 0.3438, 0.3192

Monochromacy



Original Color

58.6415, 0.3502, 0.3302

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4174, 0.3254, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6415, 0.3502, 0.3302 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, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(235, 191, 190)  
}
```

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, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 191, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.6415, 0.3502, 0.3302 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, 191, 190) }
```

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

```
.border{ border-color:rgb(235, 191, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(235, 191,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6415, 0.3502, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 191, 190) }
```

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

```
.background{ background-color: rgb(235,  
191, 190) }
```

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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