

Converting Colors

$Y_{xy}(59.0352, 0.3435, 0.3359)$

Have a look what the booklet for
Yxy(59.0352, 0.3435, 0.3359)
contains.

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Color

Yxy(59.0352, 0.3435, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3BD
RGB	227, 195, 189
RGB Percent	89%, 76%, 74%
CMY	0.1099, 0.2352, 0.2589
CMYK	0.00, 0.14, 0.17, 0.11
HSL	10°, 40%, 82%
HSV	10°, 17%, 89%
XYZ	60.3709, 59.0352, 56.3462
YIQ	203.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

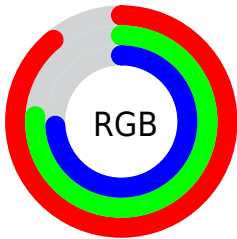
Format	Color
R _Y B	227, 196, 189
Decimal	14926781
CIE Lab	81.31, 10.36, 7.21
CIE LCh	81, 12.617, 34.835
Yxy	59.0352, 0.3435, 0.3359
Android (android.graphics.Color)	4293116861 (0xFFE3C3BD)
YUV	203.8840, -7.3378, 20.2727
Hunter-Lab	76.8344, 5.7923, 10.3040

Details

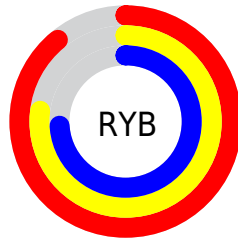
The Yxy color **59.0352, 0.3435, 0.3359** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0416, 0.2872, 0.3220**, and the grayscale version is **60.3430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4734, 0.3187, 0.3357**, and **29.4853, 0.3511, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **50.1116, 0.3674, 0.3403**, and if you desaturate by 10%, it is **69.2122, 0.3239, 0.3317**.

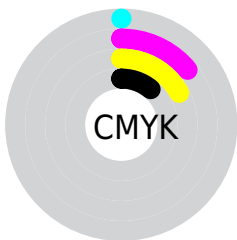
Distribution



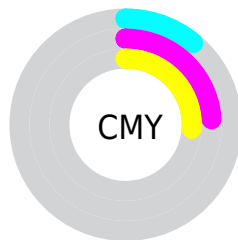
- Red (89%)
- Green (76%)
- Blue (74%)



- Red (89%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0352, 0.3435, 0.3359 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 59.0352, 0.3435, 0.3359 by changing the saturation by 10% instead.

 59.0352, 0.3435,
0.3359

 59.0352, 0.3435,
0.3359


421.0323, 0.3286,
0.3328

 42.6415, 0.3471,
0.3366

 103.4288, 0.3382,
0.3348

 29.6039, 0.3516,
0.3374


132.1975, 0.3362,
0.3344

 19.5381, 0.3574,
0.3385


165.8599, 0.3345,
0.3340

 12.0598, 0.3654,
0.3398

204.8005, 0.3330,
0.3337

 6.7844, 0.3767,
0.3416

249.4037, 0.3317,
0.3334

 3.3276, 0.3941,
0.3438


300.0537, 0.3305,

 1.3051, 0.4246,


0.3332


0.3469


357.1352, 0.3295,
0.3330


 0.1451, 0.7292,
0.2708


 0.0000, 0.0000,
0.0000

 59.0352, 0.3435,
0.3359

 59.0352, 0.3435,
0.3359


 50.1116, 0.3674,
0.3403

 69.2122, 0.3239,
0.3317

 42.3853, 0.3962,
0.3448

 80.6804, 0.3078,
0.3278

 35.8073, 0.4304,
0.3490

 93.3514, 0.2957,
0.3262

 30.3225, 0.4698,
0.3522

 95.0666, 0.2958,
0.3290

■ 25.8712, 0.5126,
0.3539

■ 22.3876, 0.5553,
0.3531

■ 19.7984, 0.5927,
0.3493

■ 18.0189, 0.6195,
0.3429

■ 17.5917, 0.6262,
0.3410

Harmonies

Analogous

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



59.0352, 0.3343, 0.3219



59.0352, 0.3435, 0.3359



59.0352, 0.3442, 0.3486

Triad

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



59.0352, 0.3435, 0.3359



59.0352, 0.3056, 0.3493



59.0352, 0.2893, 0.3021

Complementary

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



59.0352, 0.3435, 0.3359



68.0416, 0.2872, 0.3220

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.



59.0352, 0.2821, 0.3085



59.0352, 0.3435, 0.3359



59.0352, 0.2914, 0.3359

Square

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



59.0352, 0.3435, 0.3359



59.0352, 0.3221, 0.3569



59.0352, 0.2829, 0.3208



59.0352, 0.3028, 0.3027

Rectangle

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



59.0352, 0.3435, 0.3359



59.0352, 0.3398, 0.3546



59.0352, 0.2829, 0.3208



59.0352, 0.2861, 0.3035

Sweetspot

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



59.0379, 0.3435, 0.3359



92.5531, 0.3209, 0.3310



57.9492, 0.3190, 0.2936



19.5935, 0.3221, 0.3313



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.



59.0379, 0.3435, 0.3359



72.7574, 0.3511, 0.3374



67.9295, 0.3401, 0.3564



14.7358, 0.3289, 0.3328



10.3717, 0.6242, 0.3426



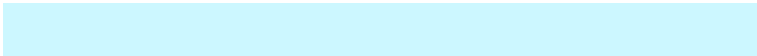
0.8797, 0.5990, 0.3626

Inverse Universe

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



68.0416, 0.2872, 0.3220



86.5169, 0.2822, 0.3204



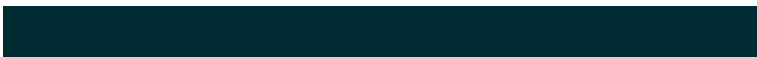
58.7333, 0.2862, 0.3000



15.9259, 0.2981, 0.3252



25.0934, 0.2105, 0.2778



1.9594, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 59.0352, 0.3435, 0.3359 looks on a white background.

Color Contrast Check

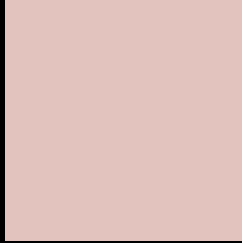
Large Text (above 18pt) WCAG AA × Fail

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 59.0352, 0.3435, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

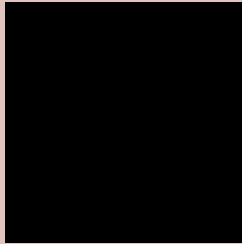
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0352, 0.3435, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 59.0352, 0.3435, 0.3359.



This preview shows how white text looks on a background with the Yxy color 59.0352, 0.3435, 0.3359.

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

59.0352, 0.3435, 0.3359

Protanopia

58.9890, 0.3248, 0.3396

Deuteranopia

59.0352, 0.3435, 0.3359



Tritanopia

58.8623, 0.3314, 0.3124

Trichromacy



Original Color

59.0352, 0.3435, 0.3359

Protanomaly

59.0555, 0.3314, 0.3383

Deuteranomaly

59.0352, 0.3435, 0.3359

Tritanomaly

58.8040, 0.3359, 0.3213

Monochromacy



Original Color

59.0352, 0.3435, 0.3359

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8939, 0.3228, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0352, 0.3435, 0.3359 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, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 189)  
}
```

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, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.0352, 0.3435, 0.3359 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, 195, 189) }
```

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

```
.border{ border-color:rgb(227, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 189);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0352, 0.3435, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 189) }
```

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

```
.background{ background-color: rgb(227,  
195, 189) }
```

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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