

Converting Colors

$Yxy(59.6386, 0.3563, 0.3475)$

Have a look what the booklet for
Yxy(59.6386, 0.3563, 0.3475)
contains.

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Color

Yxy(59.6085, 0.3566, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	E9C3B3
RGB	233, 195, 179
RGB Percent	91%, 76%, 70%
CMY	0.0862, 0.2353, 0.2981
CMYK	0.00, 0.16, 0.23, 0.09
HSL	18°, 55%, 81%
HSV	18°, 23%, 91%
XYZ	61.2576, 59.6085, 50.9163
YIQ	204.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

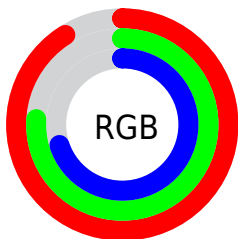
Format	Color
R _Y B	233, 202, 179
Decimal	15319987
CIE Lab	81.62, 11.10, 13.08
CIE LCh	82, 17.154, 49.693
Yxy	59.6085, 0.3566, 0.3470
Android (android.graphics.Color)	4293510067 (0xFFE9C3B3)
YUV	204.5380, -12.5902, 24.9612
Hunter-Lab	77.2065, 6.5149, 14.9439

Details

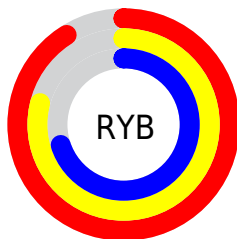
The Yxy color **59.6085, 0.3566, 0.3470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0890, 0.2770, 0.3102**, and the grayscale version is **60.8115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8790, 0.3247, 0.3455**, and **29.9032, 0.3689, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **51.7992, 0.3815, 0.3553**, and if you desaturate by 10%, it is **68.3890, 0.3355, 0.3389**.

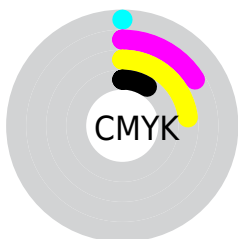
Distribution



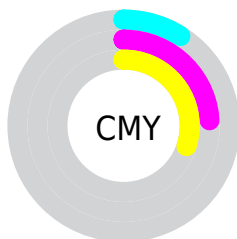
- Red (91%)
- Green (76%)
- Blue (70%)



- Red (91%)
- Yellow (79%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (9%)




- Cyan (9%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6085, 0.3566, 0.3470 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 59.6085, 0.3566, 0.3470 by changing the saturation by 10% instead.


 59.6085, 0.3566,
0.3470

 59.6085, 0.3566,
0.3470


423.1532, 0.3354,
0.3387

 43.1032, 0.3617,
0.3489


 104.2615, 0.3491,
0.3442

 29.9661, 0.3681,
0.3511


133.1780, 0.3462,
0.3430

 19.8128, 0.3763,
0.3540

167.0003, 0.3437,
0.3421

 12.2591, 0.3875,
0.3576

206.1129, 0.3416,
0.3412

 6.9204, 0.4033,
0.3623

250.9000, 0.3398,
0.3405

 3.4123, 0.4272,
0.3686

301.7462, 0.3381,

 1.3506, 0.4772,

0.3398

0.3843

359.0358, 0.3367,
0.3393

0.1799, 0.7107,
0.2893

0.0000, 0.0000,
0.0000

59.6085, 0.3566,
0.3470

59.6085, 0.3566,
0.3470

51.7992, 0.3815,
0.3553

68.3890, 0.3355,
0.3389

44.9191, 0.4105,
0.3633

78.1649, 0.3178,
0.3313

38.9349, 0.4436,
0.3704

88.9694, 0.3028,
0.3242

33.8081, 0.4798,
0.3756

96.0657, 0.2994,
0.3290

■ 29.4973, 0.5174,
0.3777

■ 25.9571, 0.5530,
0.3756

■ 23.1368, 0.5831,
0.3687

■ 21.5919, 0.5995,
0.3622

Harmonies

Analogous

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



59.6085, 0.3495, 0.3284



59.6085, 0.3566, 0.3470



59.6085, 0.3514, 0.3617

Triad

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



59.6085, 0.3566, 0.3470



59.6085, 0.2928, 0.3483



59.6085, 0.2892, 0.2921

Complementary

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



59.6085, 0.3566, 0.3470



65.0890, 0.2770, 0.3102

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.



59.6085, 0.2751, 0.2958



59.6085, 0.3566, 0.3470



59.6085, 0.2771, 0.3279

Square

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



59.6085, 0.3566, 0.3470



59.6085, 0.3142, 0.3634



59.6085, 0.2707, 0.3086



59.6085, 0.3100, 0.2976

Rectangle

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



59.6085, 0.3566, 0.3470



59.6085, 0.3418, 0.3672



59.6085, 0.2707, 0.3086



59.6085, 0.2836, 0.2923

Sweetspot

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



59.6112, 0.3566, 0.3470



91.1509, 0.3242, 0.3342



54.6066, 0.3275, 0.2869



19.3529, 0.3253, 0.3347



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.



59.6112, 0.3566, 0.3470



68.2556, 0.3684, 0.3511



72.4547, 0.3503, 0.3750



15.7818, 0.3285, 0.3360



12.4380, 0.5968, 0.3644



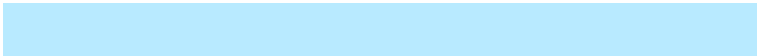
1.1388, 0.5696, 0.3859

Inverse Universe

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



65.0890, 0.2770, 0.3102



76.1111, 0.2695, 0.3057



52.5930, 0.2744, 0.2783



16.3239, 0.2981, 0.3219



18.6139, 0.1971, 0.2295



1.6276, 0.2014, 0.2450

Previews

White Background



This preview shows how the Yxy color 59.6085, 0.3566, 0.3470 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 59.6085, 0.3566, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

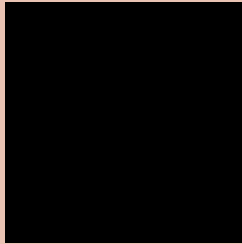
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6085, 0.3566, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 59.6085, 0.3566, 0.3470.



This preview shows how white text looks on a background with the Yxy color 59.6085, 0.3566, 0.3470.

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

59.6085, 0.3566, 0.3470

Protanopia

59.5088, 0.3338, 0.3514

Deuteranopia

59.7235, 0.3547, 0.3482



Tritanopia

59.5507, 0.3380, 0.3128

Trichromacy



Original Color

59.6085, 0.3566, 0.3470

Protanomaly

59.2843, 0.3416, 0.3487

Deuteranomaly

59.8903, 0.3555, 0.3481

Tritanomaly

59.3470, 0.3451, 0.3247

Monochromacy



Original Color

59.6085, 0.3566, 0.3470

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2059, 0.3274, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6085, 0.3566, 0.3470 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(233, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 195, 179)  
}
```

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(233, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 195, 179) }
```

Border

The CSS property to change the border of an element to Yxy 59.6085, 0.3566, 0.3470 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(233, 195, 179) }
```

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

```
.border{ border-color:rgb(233, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(233, 195,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6085, 0.3566, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 195, 179) }
```

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

```
.background{ background-color: rgb(233,  
195, 179) }
```

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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