

Converting Colors

$Y_{xy}(58.1972, 0.3590, 0.3459)$

Have a look what the booklet for
Yxy(58.1972, 0.3590, 0.3459)
contains.

Yxy(58.1972, 0.3590, 0.3459)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.1972, 0.3590, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	E9C0B1
RGB	233, 192, 177
RGB Percent	91%, 75%, 69%
CMY	0.0861, 0.2471, 0.3058
CMYK	0.00, 0.18, 0.24, 0.09
HSL	16°, 56%, 80%
HSV	16°, 24%, 91%
XYZ	60.4013, 58.1972, 49.6502
YIQ	202.5490, 29.2510, 4.0270

Conversions

Conversions Part 2

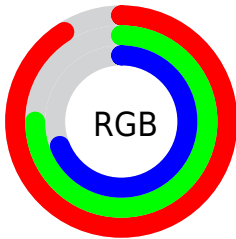
Format	Color
R _Y B	233, 197, 177
Decimal	15319217
CIE Lab	80.85, 12.42, 13.04
CIE LCh	81, 18.010, 46.390
Yxy	58.1972, 0.3590, 0.3459
Android (android.graphics.Color)	4293509297 (0xFFE9C0B1)
YUV	202.5490, -12.5957, 26.7055
Hunter-Lab	76.2871, 7.8272, 14.8131

Details

The Yxy color **58.1972, 0.3590, 0.3459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4128, 0.2758, 0.3114**, and the grayscale version is **59.4942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2780, 0.3263, 0.3436**, and **28.9793, 0.3724, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **50.2802, 0.3847, 0.3534**, and if you desaturate by 10%, it is **67.1483, 0.3373, 0.3386**.

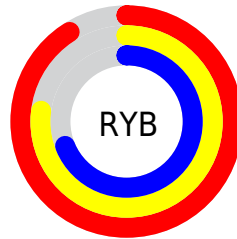
Distribution



Red (91%)

Green (75%)

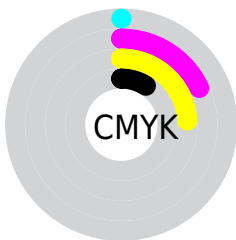
Blue (69%)



Red (91%)

Yellow (77%)

Blue (69%)

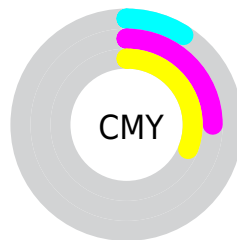


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (25%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1972, 0.3590, 0.3459 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 58.1972, 0.3590, 0.3459 by changing the saturation by 10% instead.

 58.1972, 0.3590,
0.3459

 58.1972, 0.3590,
0.3459


417.9203, 0.3365,
0.3382

 41.9672, 0.3644,
0.3476


 102.2100, 0.3510,
0.3432

 29.0756, 0.3712,
0.3497


130.7615, 0.3479,
0.3422

 19.1380, 0.3801,
0.3523


164.1891, 0.3453,
0.3413

 11.7701, 0.3921,
0.3556

202.8770, 0.3431,
0.3405

 6.5873, 0.4091,
0.3599

247.2097, 0.3411,
0.3398

 3.2054, 0.4351,
0.3652

297.5716, 0.3394,

 1.2399, 0.4945,

0.3392

0.3831

354.3470, 0.3379,
0.3387

0.0939, 0.8069,
0.1931

0.0000, 0.0000,
0.0000

58.1972, 0.3590,
0.3459

58.1972, 0.3590,
0.3459

50.2802, 0.3847,
0.3534

67.1483, 0.3373,
0.3386

43.3515, 0.4148,
0.3606

77.1611, 0.3192,
0.3317

37.3738, 0.4492,
0.3668

88.2722, 0.3040,
0.3252

32.3043, 0.4869,
0.3712

96.0712, 0.2994,
0.3290

■ 28.0965, 0.5258,
0.3725

■ 24.6996, 0.5623,
0.3696

■ 22.0565, 0.5922,
0.3624

■ 20.8075, 0.6063,
0.3568

Harmonies

Analogous

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



58.1972, 0.3501, 0.3262



58.1972, 0.3590, 0.3459



58.1972, 0.3549, 0.3622

Triad

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



58.1972, 0.3590, 0.3459



58.1972, 0.2939, 0.3516



58.1972, 0.2858, 0.2900

Complementary

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



58.1972, 0.3590, 0.3459



65.4128, 0.2758, 0.3114

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.



58.1972, 0.2719, 0.2950



58.1972, 0.3590, 0.3459



58.1972, 0.2765, 0.3302

Square

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



58.1972, 0.3590, 0.3459



58.1972, 0.3168, 0.3666



58.1972, 0.2686, 0.3094



58.1972, 0.3072, 0.2947

Rectangle

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



58.1972, 0.3590, 0.3459



58.1972, 0.3455, 0.3688



58.1972, 0.2686, 0.3094



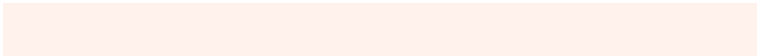
58.1972, 0.2801, 0.2905

Sweetspot

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



58.1999, 0.3590, 0.3459



90.8403, 0.3243, 0.3337



53.8475, 0.3274, 0.2843



19.2812, 0.3253, 0.3341



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.



58.1999, 0.3590, 0.3459



66.2851, 0.3716, 0.3497



71.6768, 0.3520, 0.3758



15.7089, 0.3286, 0.3354



11.9757, 0.6036, 0.3589



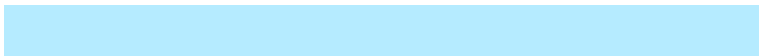
1.0944, 0.5765, 0.3804

Inverse Universe

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



65.4128, 0.2758, 0.3114



76.6014, 0.2683, 0.3072



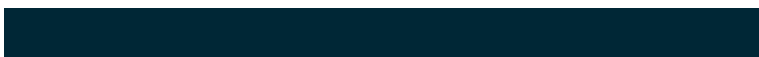
52.0986, 0.2730, 0.2773



16.4012, 0.2981, 0.3226



20.0206, 0.2000, 0.2400



1.7288, 0.2038, 0.2538

Previews

White Background



This preview shows how the Yxy color 58.1972, 0.3590, 0.3459 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 58.1972, 0.3590, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

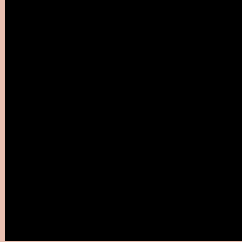
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1972, 0.3590, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 58.1972, 0.3590, 0.3459.



This preview shows how white text looks on a background with the Yxy color 58.1972, 0.3590, 0.3459.

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

58.1972, 0.3590, 0.3459

Protanopia

58.2001, 0.3340, 0.3516

Deuteranopia

58.4159, 0.3551, 0.3484



Tritanopia

58.1111, 0.3409, 0.3127

Trichromacy



Original Color

58.1972, 0.3590, 0.3459

Protanomaly

58.1332, 0.3428, 0.3489

Deuteranomaly

58.1372, 0.3562, 0.3472

Tritanomaly

57.9524, 0.3473, 0.3236

Monochromacy



Original Color

58.1972, 0.3590, 0.3459

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0380, 0.3283, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1972, 0.3590, 0.3459 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, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(233, 192, 177)  
}
```

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, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 192, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.1972, 0.3590, 0.3459 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, 192, 177) }
```

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

```
.border{ border-color:rgb(233, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(233, 192,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1972, 0.3590, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 192, 177) }
```

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

```
.background{ background-color: rgb(233,  
192, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor