

Converting Colors

$Y_{xy}(59.2075, 0.3460, 0.3445)$

Have a look what the booklet for
Yxy(59.2075, 0.3460, 0.3445)
contains.

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Color

Yxy(59.3590, 0.3462, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	E1C5B7
RGB	225, 197, 183
RGB Percent	88%, 77%, 72%
CMY	0.1177, 0.2274, 0.2823
CMYK	0.00, 0.12, 0.19, 0.12
HSL	20°, 41%, 80%
HSV	20°, 19%, 88%
XYZ	59.5655, 59.3590, 53.1306
YIQ	203.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

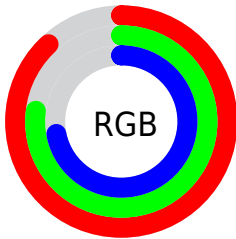
Format	Color
R _Y B	225, 204, 183
Decimal	14796215
CIE Lab	81.49, 7.67, 10.63
CIE LCh	81, 13.107, 54.180
Yxy	59.3590, 0.3462, 0.3450
Android (android.graphics.Color)	4292986295 (0xFFE1C5B7)
YUV	203.7760, -10.2426, 18.6134
Hunter-Lab	77.0448, 3.1749, 13.0446

Details

The Yxy color **59.3590, 0.3462, 0.3450** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1020, 0.2839, 0.3124**, and the grayscale version is **60.2927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3756, 0.3221, 0.3435**, and **29.6916, 0.3548, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **52.0194, 0.3688, 0.3542**, and if you desaturate by 10%, it is **67.5320, 0.3270, 0.3362**.

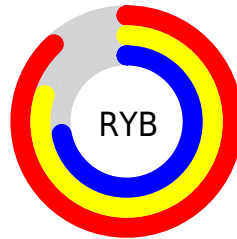
Distribution



Red (88%)

Green (77%)

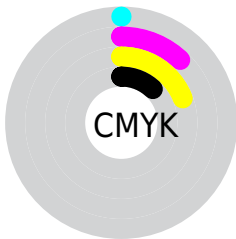
Blue (72%)



Red (88%)

Yellow (80%)

Blue (72%)

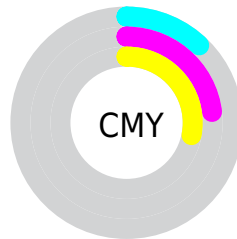


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (12%)



Cyan (12%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3590, 0.3462, 0.3450 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 59.3590, 0.3462, 0.3450 by changing the saturation by 10% instead.


 59.3590, 0.3462,
0.3450

 59.3590, 0.3462,
0.3450


422.2310, 0.3300,
0.3375

 42.9022, 0.3501,
0.3467


 103.8993, 0.3405,
0.3424

 29.8084, 0.3549,
0.3488


132.7515, 0.3383,
0.3414

 19.6932, 0.3613,
0.3515


166.5043, 0.3364,
0.3405

 12.1722, 0.3698,
0.3551

205.5421, 0.3348,
0.3398

 6.8611, 0.3819,
0.3599

250.2493, 0.3334,
0.3391

 3.3754, 0.4005,
0.3666

301.0102, 0.3321,

 1.3307, 0.4363,

0.3385

358.2093, 0.3310,
0.3380

0.3803

0.1648, 0.6760,
0.3240

0.0000, 0.0000,
0.0000

59.3590, 0.3462,
0.3450

59.3590, 0.3462,
0.3450

52.0194, 0.3688,
0.3542

67.5320, 0.3270,
0.3362

45.4785, 0.3951,
0.3634

76.5558, 0.3107,
0.3279

39.7104, 0.4253,
0.3719

86.4577, 0.2969,
0.3203

34.6850, 0.4587,
0.3791

94.7467, 0.2946,
0.3289

■ 30.3702, 0.4942,
0.3836

■ 26.7310, 0.5294,
0.3841

■ 23.7287, 0.5612,
0.3799

■ 21.3166, 0.5868,
0.3710

■ 21.0318, 0.5900,
0.3697

Harmonies

Analogous

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



59.3590, 0.3422, 0.3309



59.3590, 0.3462, 0.3450



59.3590, 0.3410, 0.3554

Triad

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



59.3590, 0.3462, 0.3450



59.3590, 0.2953, 0.3415



59.3590, 0.2969, 0.3007

Complementary

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



59.3590, 0.3462, 0.3450



62.1020, 0.2839, 0.3124

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.



59.3590, 0.2850, 0.3027



59.3590, 0.3462, 0.3450



59.3590, 0.2841, 0.3259

Square

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



59.3590, 0.3462, 0.3450



59.3590, 0.3114, 0.3538



59.3590, 0.2803, 0.3117



59.3590, 0.3134, 0.3059

Rectangle

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



59.3590, 0.3462, 0.3450



59.3590, 0.3330, 0.3586



59.3590, 0.2803, 0.3117



59.3590, 0.2923, 0.3005

Sweetspot

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



59.3617, 0.3462, 0.3450



92.7152, 0.3224, 0.3340



54.6226, 0.3253, 0.2970



19.6806, 0.3236, 0.3345



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.



59.3617, 0.3462, 0.3450



75.3079, 0.3537, 0.3482



69.2073, 0.3422, 0.3672



14.4428, 0.3284, 0.3369



12.3123, 0.5872, 0.3720



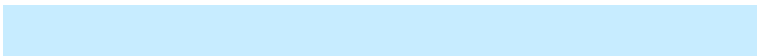
1.0141, 0.5572, 0.3958

Inverse Universe

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



62.1020, 0.2839, 0.3124



79.5195, 0.2784, 0.3090



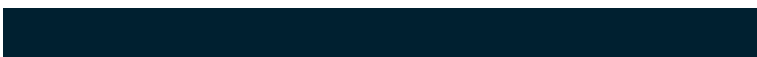
52.6457, 0.2825, 0.2877



14.7628, 0.2982, 0.3210



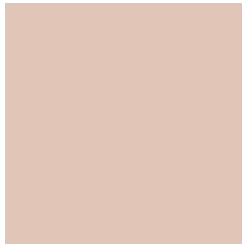
15.9345, 0.1935, 0.2167



1.2670, 0.1989, 0.2360

Previews

White Background



This preview shows how the Yxy color 59.3590, 0.3462, 0.3450 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 59.3590, 0.3462, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

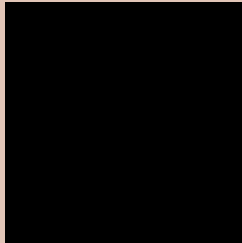
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3590, 0.3462, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 59.3590, 0.3462, 0.3450.



This preview shows how white text looks on a background with the Yxy color 59.3590, 0.3462, 0.3450.

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

59.3590, 0.3462, 0.3450

Protanopia

59.4879, 0.3308, 0.3479

Deuteranopia

59.1071, 0.3500, 0.3426



Tritanopia

59.1880, 0.3296, 0.3124

Trichromacy



Original Color

59.3590, 0.3462, 0.3450

Protanomaly

59.2584, 0.3359, 0.3465

Deuteranomaly

59.3927, 0.3489, 0.3438

Tritanomaly

59.0380, 0.3357, 0.3235

Monochromacy



Original Color

59.3590, 0.3462, 0.3450

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7559, 0.3250, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3590, 0.3462, 0.3450 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(225, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 183)  
}
```

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(225, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 183) }
```

Border

The CSS property to change the border of an element to Yxy 59.3590, 0.3462, 0.3450 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(225, 197, 183) }
```

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

```
.border{ border-color:rgb(225, 197, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 197,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3590, 0.3462, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 197, 183) }
```

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

```
.background{ background-color: rgb(225,  
197, 183) }
```

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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