

Converting Colors

Yxy(59.8146, 0.3460, 0.3461)

Have a look what the booklet for
Yxy(59.8146, 0.3460, 0.3461)
contains.

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Color

Yxy(59.8146, 0.3460, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	E1C6B7
RGB	225, 198, 183
RGB Percent	88%, 78%, 72%
CMY	0.1176, 0.2235, 0.2822
CMYK	0.00, 0.12, 0.19, 0.12
HSL	21°, 41%, 80%
HSV	21°, 19%, 88%
XYZ	59.7973, 59.8146, 53.2127
YIQ	204.3630, 20.9070, 1.0590

Conversions

Conversions Part 2

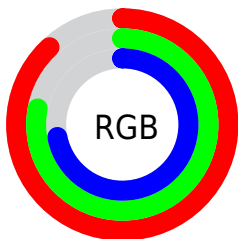
Format	Color
R _Y B	225, 206, 183
Decimal	14796471
CIE Lab	81.74, 7.15, 10.98
CIE LCh	82, 13.101, 56.908
Yxy	59.8146, 0.3460, 0.3461
Android (android.graphics.Color)	4292986551 (0xFFE1C6B7)
YUV	204.3630, -10.5320, 18.0986
Hunter-Lab	77.3399, 2.6670, 13.3442

Details

The Yxy color **59.8146, 0.3460, 0.3461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.6240, 0.2838, 0.3113**, and the grayscale version is **60.6865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **29.9932, 0.3545, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **52.6478, 0.3683, 0.3559**, and if you desaturate by 10%, it is **67.7694, 0.3269, 0.3367**.

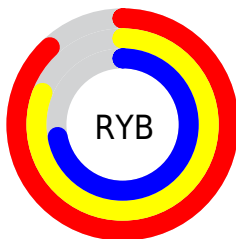
Distribution



Red (88%)

Green (78%)

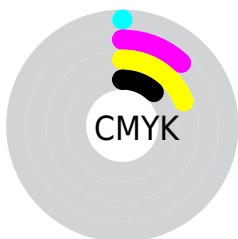
Blue (72%)



Red (88%)

Yellow (81%)

Blue (72%)

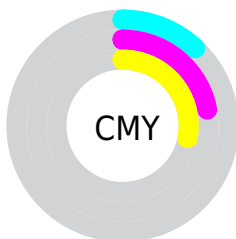


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (12%)



Cyan (12%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8146, 0.3460, 0.3461 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 59.8146, 0.3460, 0.3461 by changing the saturation by 10% instead.

 59.8146, 0.3460,
0.3461

 59.8146, 0.3460,
0.3461


423.9141, 0.3300,
0.3381

 43.2692, 0.3498,
0.3479


 104.5607, 0.3403,
0.3433

 30.0964, 0.3547,
0.3502


133.5302, 0.3381,
0.3422

 19.9118, 0.3609,
0.3531


167.4098, 0.3363,
0.3413

 12.3309, 0.3693,
0.3569

206.5840, 0.3347,
0.3405

 6.9695, 0.3813,
0.3621

251.4371, 0.3333,
0.3398

 3.4430, 0.3995,
0.3694

302.3535, 0.3320,

 1.3672, 0.4343,

0.3392

0.3839

359.7177, 0.3309,
0.3386

0.1923, 0.6501,
0.3499

0.0000, 0.0000,
0.0000

59.8146, 0.3460,
0.3461

59.8146, 0.3460,
0.3461

52.6478, 0.3683,
0.3559

67.7694, 0.3269,
0.3367

46.2361, 0.3942,
0.3657

76.5277, 0.3107,
0.3278

40.5562, 0.4236,
0.3749

86.1146, 0.2969,
0.3197

35.5801, 0.4562,
0.3826

94.7489, 0.2946,
0.3289

■ 31.2783, 0.4905,
0.3876

■ 27.6186, 0.5246,
0.3886

■ 24.5653, 0.5555,
0.3846

■ 22.0751, 0.5807,
0.3759

■ 21.7779, 0.5838,
0.3746

Harmonies

Analogous

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



59.8146, 0.3428, 0.3323



59.8146, 0.3460, 0.3461



59.8146, 0.3400, 0.3559

Triad

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



59.8146, 0.3460, 0.3461



59.8146, 0.2941, 0.3402



59.8146, 0.2983, 0.3010

Complementary

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



59.8146, 0.3460, 0.3461



61.6240, 0.2838, 0.3113

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.



59.8146, 0.2859, 0.3023



59.8146, 0.3460, 0.3461



59.8146, 0.2835, 0.3245

Square

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



59.8146, 0.3460, 0.3461



59.8146, 0.3098, 0.3528



59.8146, 0.2805, 0.3107



59.8146, 0.3149, 0.3067

Rectangle

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



59.8146, 0.3460, 0.3461



59.8146, 0.3317, 0.3586



59.8146, 0.2805, 0.3107



59.8146, 0.2935, 0.3006

Sweetspot

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



59.8173, 0.3460, 0.3461



92.9318, 0.3224, 0.3343



54.5600, 0.3264, 0.2985



19.7316, 0.3235, 0.3349



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.



59.8173, 0.3460, 0.3461



75.9897, 0.3534, 0.3495



69.9424, 0.3419, 0.3687



14.4961, 0.3283, 0.3374



12.7491, 0.5810, 0.3769



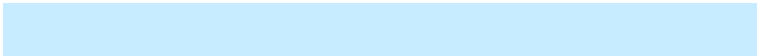
1.0488, 0.5515, 0.4003

Inverse Universe

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



61.6240, 0.2838, 0.3113



78.7652, 0.2783, 0.3076



52.0469, 0.2824, 0.2859



14.7072, 0.2982, 0.3204



14.9928, 0.1912, 0.2083



1.2064, 0.1970, 0.2290

Previews

White Background



This preview shows how the Yxy color 59.8146, 0.3460, 0.3461 looks on a white background.

Color Contrast Check

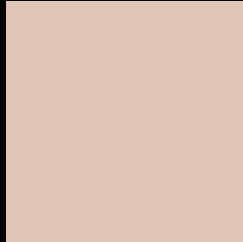
Large Text (above 18pt) WCAG AA × Fail

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 59.8146, 0.3460, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

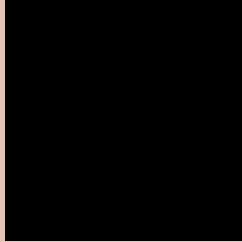
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8146, 0.3460, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 59.8146, 0.3460, 0.3461.



This preview shows how white text looks on a background with the Yxy color 59.8146, 0.3460, 0.3461.

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

59.8146, 0.3460, 0.3461

Protanopia

60.0635, 0.3322, 0.3502

Deuteranopia

59.7217, 0.3506, 0.3437



Tritanopia

59.6810, 0.3288, 0.3125

Trichromacy



Original Color

59.8146, 0.3460, 0.3461

Protanomaly

59.8329, 0.3373, 0.3488

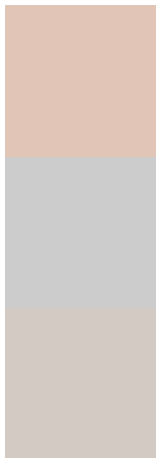
Deuteranomaly

59.8454, 0.3487, 0.3449

Tritanomaly

59.5312, 0.3348, 0.3235

Monochromacy



Original Color

59.8146, 0.3460, 0.3461

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2236, 0.3249, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8146, 0.3460, 0.3461 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, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 198, 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, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 198, 183) }
```

Border

The CSS property to change the border of an element to Yxy 59.8146, 0.3460, 0.3461 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, 198, 183) }
```

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

```
.border{ border-color:rgb(225, 198, 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, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 198, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 198, 183); box-shadow:4px 4px 4px 4px rgb(225, 198, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8146, 0.3460, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 198, 183) }
```

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

```
.background{ background-color: rgb(225,  
198, 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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