

Converting Colors

Yxy(59.7051, 0.3493, 0.3529)

Have a look what the booklet for
Yxy(59.7051, 0.3493, 0.3529)
contains.

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Color

Yxy(59.9085, 0.3489, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	E0C7B2
RGB	224, 199, 178
RGB Percent	88%, 78%, 70%
CMY	0.1216, 0.2196, 0.3020
CMYK	0.00, 0.11, 0.21, 0.12
HSL	27°, 43%, 79%
HSV	27°, 21%, 88%
XYZ	59.1959, 59.9085, 50.5600
YIQ	204.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

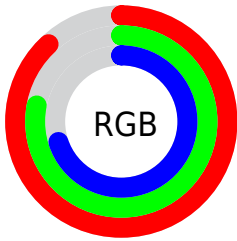
Format	Color
RYB	224, 217, 178
Decimal	14731186
CIELab	81.79, 5.49, 13.73
CIELCh	82, 14.784, 68.196
Yxy	59.9085, 0.3489, 0.3531
Android (android.graphics.Color)	4292921266 (0xFFE0C7B2)
YUV	204.0810, -12.8579, 17.4690
Hunter-Lab	77.4006, 1.0657, 15.4507

Details

The Yxy color **59.9085, 0.3489, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5434, 0.2805, 0.3036**, and the grayscale version is **60.5103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **30.0563, 0.3583, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **53.7078, 0.3705, 0.3656**, and if you desaturate by 10%, it is **66.7089, 0.3300, 0.3410**.

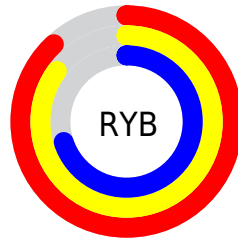
Distribution



Red (88%)

Green (78%)

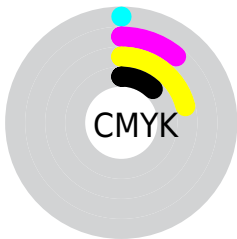
Blue (70%)



Red (88%)

Yellow (85%)

Blue (70%)

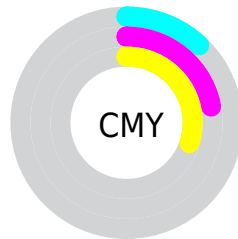


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (12%)



Cyan (12%)


Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9085, 0.3489, 0.3531 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 59.9085, 0.3489, 0.3531 by changing the saturation by 10% instead.


 59.9085, 0.3489,
0.3531

 59.9085, 0.3489,
0.3531


424.2604, 0.3315,
0.3418

 43.3449, 0.3530,
0.3557


 104.6969, 0.3427,
0.3491

 30.1558, 0.3583,
0.3590


133.6905, 0.3404,
0.3476

 19.9569, 0.3650,
0.3632

167.5962, 0.3383,
0.3463

 12.3637, 0.3741,
0.3686

206.7985, 0.3366,
0.3451

 6.9919, 0.3868,
0.3761

251.6816, 0.3351,
0.3441

 3.4570, 0.4061,
0.3868

302.6301, 0.3337,

 1.3747, 0.4488,

0.3432

0.4127

360.0282, 0.3325,
0.3425

0.1980, 0.6194,
0.3806

0.0000, 0.0000,
0.0000

59.9085, 0.3489,
0.3531

59.9085, 0.3489,
0.3531

53.7078, 0.3705,
0.3656

66.7089, 0.3300,
0.3410

48.0812, 0.3950,
0.3779

74.1177, 0.3135,
0.3296

43.0129, 0.4220,
0.3894

82.1535, 0.2993,
0.3189

38.4833, 0.4509,
0.3991

89.9939, 0.2939,
0.3215

■ 34.4711, 0.4806,
0.4057

■ 94.5850, 0.2940,
0.3289

■ 30.9535, 0.5093,
0.4079

■ 27.9046, 0.5349,
0.4048

■ 25.4170, 0.5553,
0.3973

Harmonies

Analogous

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



59.9085, 0.3493, 0.3387



59.9085, 0.3489, 0.3531



59.9085, 0.3386, 0.3616

Triad

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



59.9085, 0.3489, 0.3531



59.9085, 0.2864, 0.3350



59.9085, 0.3032, 0.2991

Complementary

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



59.9085, 0.3489, 0.3531



57.5434, 0.2805, 0.3036

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.



59.9085, 0.2869, 0.2974



59.9085, 0.3489, 0.3531



59.9085, 0.2775, 0.3175

Square

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



59.9085, 0.3489, 0.3531



59.9085, 0.3023, 0.3513



59.9085, 0.2777, 0.3039



59.9085, 0.3224, 0.3082

Rectangle

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



59.9085, 0.3489, 0.3531



59.9085, 0.3276, 0.3624



59.9085, 0.2777, 0.3039



59.9085, 0.2972, 0.2976

Sweetspot

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



59.9112, 0.3489, 0.3531



93.8664, 0.3223, 0.3358



52.0098, 0.3319, 0.3003



19.9523, 0.3234, 0.3366



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.



59.9112, 0.3489, 0.3531



76.4192, 0.3586, 0.3589



71.1352, 0.3440, 0.3776



14.7272, 0.3281, 0.3397



15.0206, 0.5527, 0.3993



1.2185, 0.5270, 0.4198

Inverse Universe

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



57.5434, 0.2805, 0.3036



72.6503, 0.2730, 0.2971



47.6074, 0.2786, 0.2753



14.4705, 0.2981, 0.3180



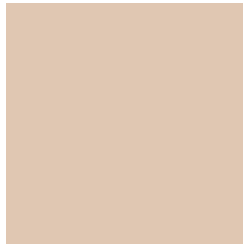
11.4162, 0.1814, 0.1729



0.9698, 0.1886, 0.1990

Previews

White Background



This preview shows how the Yxy color 59.9085, 0.3489, 0.3531 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 59.9085, 0.3489, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

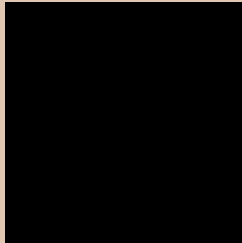
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

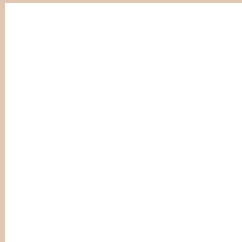
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9085, 0.3489, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 59.9085, 0.3489, 0.3531.



This preview shows how white text looks on a background with the Yxy color 59.9085, 0.3489, 0.3531.

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

59.9085, 0.3489, 0.3531

Protanopia

60.1533, 0.3375, 0.3560

Deuteranopia

59.8903, 0.3555, 0.3481



Tritanopia

59.7307, 0.3280, 0.3114

Trichromacy



Original Color

59.9085, 0.3489, 0.3531

Protanomaly

60.2474, 0.3417, 0.3558

Deuteranomaly

59.8452, 0.3527, 0.3494

Tritanomaly

59.8880, 0.3362, 0.3268

Monochromacy



Original Color

59.9085, 0.3489, 0.3531

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0301, 0.3249, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9085, 0.3489, 0.3531 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(224, 199, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 199, 178)  
}
```

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(224, 199, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 199, 178) }
```

Border

The CSS property to change the border of an element to Yxy 59.9085, 0.3489, 0.3531 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(224, 199, 178) }
```

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

```
.border{ border-color:rgb(224, 199, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 199, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 199, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 199, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 199,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9085, 0.3489, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 199, 178) }
```

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

```
.background{ background-color: rgb(224,  
199, 178) }
```

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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