

Converting Colors

Yxy(59.4003, 0.3447, 0.3489)

Have a look what the booklet for
Yxy(59.4003, 0.3447, 0.3489)
contains.

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Color

Yxy(59.2540, 0.3451, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	DEC6B5
RGB	222, 198, 181
RGB Percent	87%, 78%, 71%
CMY	0.1294, 0.2235, 0.2902
CMYK	0.00, 0.11, 0.18, 0.13
HSL	25°, 38%, 79%
HSV	25°, 18%, 87%
XYZ	58.6591, 59.2540, 52.0640
YIQ	203.2380, 19.7610, -0.1990

Conversions

Conversions Part 2

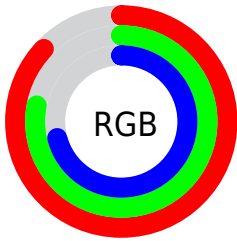
Format	Color
RYB	222, 210, 181
Decimal	14599861
CIELab	81.43, 5.74, 11.59
CIELCh	81, 12.932, 63.663
Yxy	59.2540, 0.3451, 0.3486
Android (android.graphics.Color)	4292789941 (0xFFDEC6B5)
YUV	203.2380, -10.9633, 16.4543
Hunter-Lab	76.9766, 1.3146, 13.7822

Details

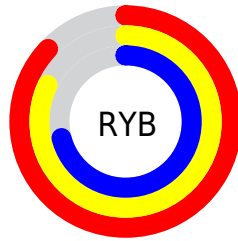
The Yxy color **59.2540, 0.3451, 0.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7615, 0.2839, 0.3086**, and the grayscale version is **59.9409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **29.7205, 0.3544, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **52.7287, 0.3667, 0.3599**, and if you desaturate by 10%, it is **66.4396, 0.3264, 0.3377**.

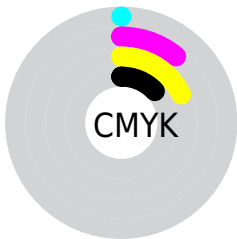
Distribution



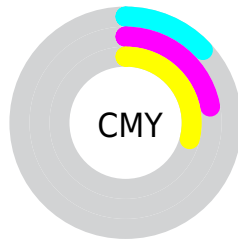
- Red (87%)
- Green (78%)
- Blue (71%)



- Red (87%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2540, 0.3451, 0.3486 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 59.2540, 0.3451, 0.3486 by changing the saturation by 10% instead.


 59.2540, 0.3451,
0.3486

 59.2540, 0.3451,
0.3486


421.8425, 0.3295,
0.3394

 42.8176, 0.3488,
0.3507


 103.7467, 0.3395,
0.3454

 29.7420, 0.3535,
0.3534


132.5719, 0.3374,
0.3441

 19.6429, 0.3596,
0.3568


166.2954, 0.3356,
0.3430

 12.1357, 0.3679,
0.3613

205.3017, 0.3341,
0.3421

 6.8362, 0.3795,
0.3675

249.9752, 0.3327,
0.3413

 3.3599, 0.3973,
0.3764

300.7002, 0.3315,

 1.3224, 0.4339,

0.3406

357.8612, 0.3304,
0.3399

0.3961

0.1584, 0.6472,
0.3528

0.0000, 0.0000,
0.0000

59.2540, 0.3451,
0.3486

59.2540, 0.3451,
0.3486

52.7287, 0.3667,
0.3599

66.4396, 0.3264,
0.3377

46.8359, 0.3913,
0.3712

74.2960, 0.3104,
0.3275

41.5578, 0.4190,
0.3820

82.8439, 0.2966,
0.3180

36.8725, 0.4492,
0.3911

91.1098, 0.2927,
0.3239

■ 32.7563, 0.4808,
0.3975

■ 94.2696, 0.2929,
0.3289

■ 29.1840, 0.5120,
0.3998

■ 26.1274, 0.5404,
0.3970

■ 23.5516, 0.5640,
0.3890

■ 23.1940, 0.5675,
0.3876

Harmonies

Analogous

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



59.2540, 0.3440, 0.3355



59.2540, 0.3451, 0.3486



59.2540, 0.3373, 0.3569

Triad

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



59.2540, 0.3451, 0.3486



59.2540, 0.2914, 0.3366



59.2540, 0.3019, 0.3020

Complementary

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



59.2540, 0.3451, 0.3486



58.7615, 0.2839, 0.3086

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.



59.2540, 0.2884, 0.3016



59.2540, 0.3451, 0.3486



59.2540, 0.2824, 0.3212

Square

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



59.2540, 0.3451, 0.3486



59.2540, 0.3061, 0.3503



59.2540, 0.2813, 0.3084



59.2540, 0.3188, 0.3091

Rectangle

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



59.2540, 0.3451, 0.3486



59.2540, 0.3282, 0.3584



59.2540, 0.2813, 0.3084



59.2540, 0.2969, 0.3010

Sweetspot

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



59.2567, 0.3451, 0.3486



93.4721, 0.3223, 0.3352



53.0168, 0.3279, 0.3011



19.8592, 0.3234, 0.3359



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.



59.2567, 0.3451, 0.3486



77.7082, 0.3527, 0.3528



68.9575, 0.3412, 0.3704



14.6296, 0.3282, 0.3388



13.9844, 0.5649, 0.3897



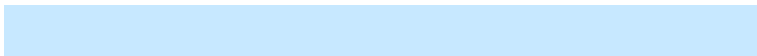
1.1429, 0.5373, 0.4116

Inverse Universe

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



58.7615, 0.2839, 0.3086



76.9136, 0.2781, 0.3040



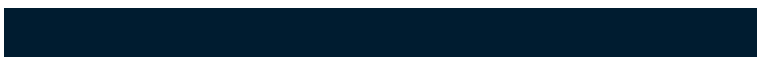
49.8405, 0.2826, 0.2839



14.5697, 0.2981, 0.3190



12.8307, 0.1855, 0.1877



1.0648, 0.1921, 0.2116

Previews

White Background



This preview shows how the Yxy color 59.2540, 0.3451, 0.3486 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 59.2540, 0.3451, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

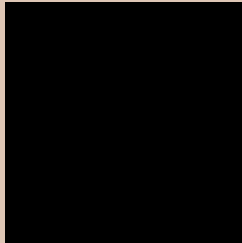
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2540, 0.3451, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 59.2540, 0.3451, 0.3486.



This preview shows how white text looks on a background with the Yxy color 59.2540, 0.3451, 0.3486.

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

59.2540, 0.3451, 0.3486

Protanopia

59.5088, 0.3338, 0.3514

Deuteranopia

59.2306, 0.3516, 0.3437



Tritanopia

59.3558, 0.3271, 0.3124

Trichromacy



Original Color

59.2540, 0.3451, 0.3486

Protanomaly

59.5978, 0.3380, 0.3512

Deuteranomaly

59.1881, 0.3489, 0.3450

Tritanomaly

59.1613, 0.3340, 0.3246

Monochromacy



Original Color

59.2540, 0.3451, 0.3486

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4151, 0.3242, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2540, 0.3451, 0.3486 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(222, 198, 181)` looks like.

```
.text, #text, p{  
    color:rgb(222, 198, 181)  
}
```

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(222, 198, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 198, 181) }
```

Border

The CSS property to change the border of an element to Yxy 59.2540, 0.3451, 0.3486 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(222, 198, 181) }
```

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

```
.border{ border-color:rgb(222, 198, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 198, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 198, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 198, 181);  
box-shadow:4px 4px 4px 4px rgb(222, 198,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2540, 0.3451, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 198, 181) }
```

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

```
.background{ background-color: rgb(222,  
198, 181) }
```

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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