

Converting Colors

Yxy(59.4137, 0.3176, 0.3325)

Have a look what the booklet for
Yxy(59.4137, 0.3176, 0.3325)
contains.

Yxy(59.4864, 0.3180, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.4864, 0.3180, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	CECAC7
RGB	206, 202, 199
RGB Percent	81%, 79%, 78%
CMY	0.1920, 0.2079, 0.2195
CMYK	0.00, 0.02, 0.03, 0.19
HSL	25°, 7%, 79%
HSV	25°, 3%, 81%
XYZ	56.8923, 59.4864, 62.5278
YIQ	202.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

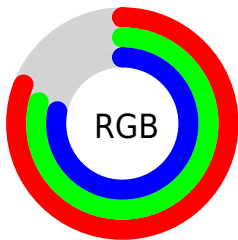
Format	Color
R _Y B	206, 204, 199
Decimal	13552327
CIE Lab	81.56, 0.87, 1.96
CIE LCh	82, 2.149, 66.077
Yxy	59.4864, 0.3180, 0.3325
Android (android.graphics.Color)	4291742407 (0xFFCECAC7)
YUV	202.8540, -1.9000, 2.7590
Hunter-Lab	77.1274, -3.3043, 5.9223

Details

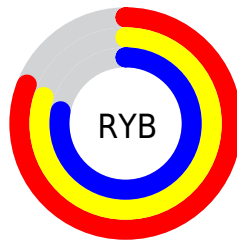
The Yxy color **59.4864, 0.3180, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3462, 0.3075, 0.3255**, and the grayscale version is **59.6402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.8995, 0.3198, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **53.2341, 0.3352, 0.3432**, and if you desaturate by 10%, it is **66.3025, 0.3032, 0.3225**.

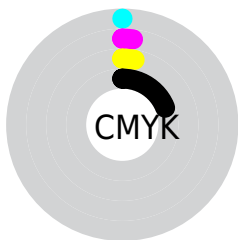
Distribution



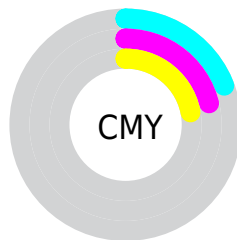
- Red (81%)
- Green (79%)
- Blue (78%)



- Red (81%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4864, 0.3180, 0.3325 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 59.4864, 0.3180, 0.3325 by changing the saturation by 10% instead.

■ 59.4864, 0.3180,
0.3325

■ 59.4864, 0.3180,
0.3325

422.7021, 0.3155,
0.3308

■ 43.0048, 0.3186,
0.3329

104.0843, 0.3171,
0.3319

■ 29.8889, 0.3194,
0.3334

132.9693, 0.3168,
0.3317

■ 19.7543, 0.3203,
0.3340

166.7576, 0.3165,
0.3315

■ 12.2165, 0.3217,
0.3349

205.8336, 0.3162,
0.3313

■ 6.8913, 0.3236,
0.3361

250.5816, 0.3160,
0.3312

■ 3.3942, 0.3265,
0.3380

301.3861, 0.3158,

■ 1.3408, 0.3315,

0.3311

358.6315, 0.3156,
0.3309

0.3412

0.1725, 0.4537,
0.4226

0.0000, 0.0000,
0.0000

59.4864, 0.3180,
0.3325

59.4864, 0.3180,
0.3325

53.2341, 0.3352,
0.3432

66.3025, 0.3032,
0.3225

47.5233, 0.3550,
0.3546

73.6890, 0.2905,
0.3132

42.3409, 0.3778,
0.3661

81.2807, 0.2827,
0.3106

37.6708, 0.4036,
0.3774

88.4133, 0.2835,
0.3232

■ 33.4957, 0.4322,
0.3877

■ 91.8672, 0.2838,
0.3289

■ 29.7974, 0.4627,
0.3959

■ 26.5562, 0.4938,
0.4007

■ 23.7507, 0.5235,
0.4009

■ 21.3566, 0.5493,
0.3958

Harmonies

Analogous

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



59.4864, 0.3179, 0.3304



59.4864, 0.3180, 0.3325



59.4864, 0.3166, 0.3337

Triad

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



59.4864, 0.3180, 0.3325



59.4864, 0.3090, 0.3301



59.4864, 0.3112, 0.3245

Complementary

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



59.4864, 0.3180, 0.3325



59.3462, 0.3075, 0.3255

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.



59.4864, 0.3088, 0.3244



59.4864, 0.3180, 0.3325



59.4864, 0.3075, 0.3276

Square

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



59.4864, 0.3180, 0.3325



59.4864, 0.3114, 0.3323



59.4864, 0.3075, 0.3255



59.4864, 0.3140, 0.3258

Rectangle

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



59.4864, 0.3180, 0.3325



59.4864, 0.3151, 0.3338



59.4864, 0.3075, 0.3255



59.4864, 0.3103, 0.3243

Sweetspot

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



59.4890, 0.3180, 0.3325



98.9024, 0.3143, 0.3300



58.3007, 0.3152, 0.3242



21.1808, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



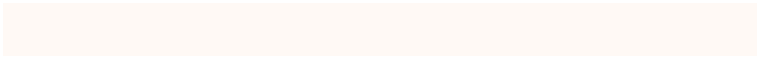
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4890, 0.3180, 0.3325



95.6654, 0.3190, 0.3332



61.1315, 0.3177, 0.3365



12.6210, 0.3201, 0.3339



12.4837, 0.5616, 0.3922



0.7933, 0.5272, 0.4196

Inverse Universe

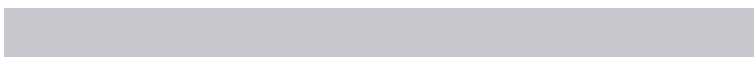
The Inverse Universe completely reimagines the original color for something new.



59.3462, 0.3075, 0.3255



95.3916, 0.3066, 0.3248



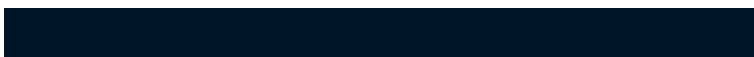
57.7288, 0.3076, 0.3214



12.5790, 0.3056, 0.3241



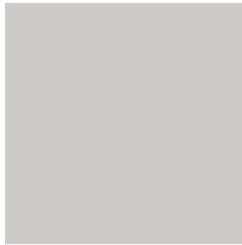
11.0303, 0.1848, 0.1853



0.7174, 0.1934, 0.2162

Previews

White Background



This preview shows how the Yxy color 59.4864, 0.3180, 0.3325 looks on a white background.

Color Contrast Check

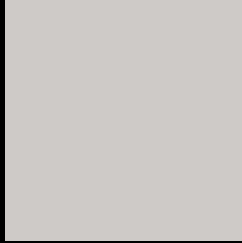
Large Text (above 18pt) WCAG AA × Fail

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 59.4864, 0.3180, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

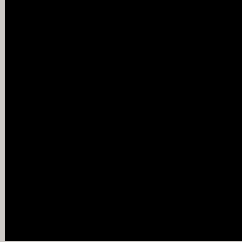
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

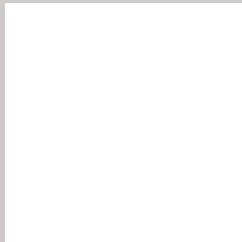
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4864, 0.3180, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 59.4864, 0.3180, 0.3325.

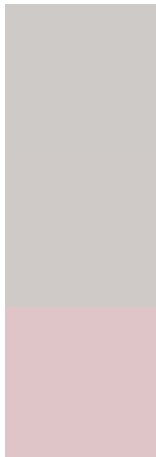


This preview shows how white text looks on a background with the Yxy color 59.4864, 0.3180, 0.3325.

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

59.4864, 0.3180, 0.3325

Protanopia

59.6300, 0.3188, 0.3325

Deuteranopia

59.3380, 0.3314, 0.3245



Tritanopia

59.6247, 0.3081, 0.3118

Trichromacy



Original Color

59.4864, 0.3180, 0.3325

Protanomaly

59.6300, 0.3188, 0.3325

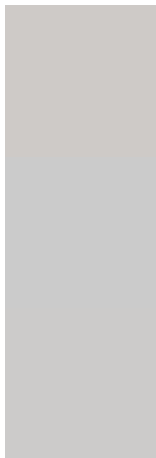
Deuteranomaly

59.3100, 0.3263, 0.3268

Tritanomaly

59.6421, 0.3116, 0.3197

Monochromacy



Original Color

59.4864, 0.3180, 0.3325

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8135, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4864, 0.3180, 0.3325 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(206, 202, 199) looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 199)  
}
```

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(206, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 199) }
```

Border

The CSS property to change the border of an element to Yxy 59.4864, 0.3180, 0.3325 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(206, 202, 199) }
```

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

```
.border{ border-color:rgb(206, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4864, 0.3180, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 199) }
```

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

```
.background{ background-color: rgb(206,  
202, 199) }
```

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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