

Converting Colors

$Yxy(59.4410, 0.3211, 0.3387)$

Have a look what the booklet for
Yxy(59.4410, 0.3211, 0.3387)
contains.

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Color

Yxy(59.2579, 0.3216, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	CECAC2
RGB	206, 202, 194
RGB Percent	81%, 79%, 76%
CMY	0.1924, 0.2078, 0.2393
CMYK	0.00, 0.02, 0.06, 0.19
HSL	40°, 11%, 78%
HSV	40°, 6%, 81%
XYZ	56.2994, 59.2579, 59.5030
YIQ	202.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

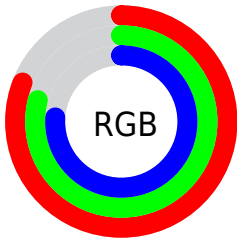
Format	Color
R _Y B	200, 206, 194
Decimal	13552322
CIE Lab	81.43, -0.06, 4.47
CIE LCh	81, 4.474, 90.747
Yxy	59.2579, 0.3216, 0.3385
Android (android.graphics.Color)	4291742402 (0xFFCECAC2)
YUV	202.2840, -4.0840, 3.2589
Hunter-Lab	76.9792, -4.1660, 8.0557

Details

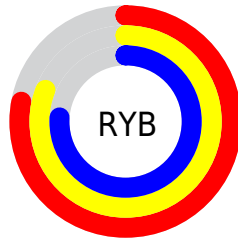
The Yxy color **59.2579, 0.3216, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2703, 0.3039, 0.3193**, and the grayscale version is **59.2696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **29.7487, 0.3247, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **55.2956, 0.3382, 0.3555**, and if you desaturate by 10%, it is **63.4925, 0.3066, 0.3223**.

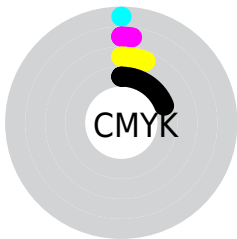
Distribution



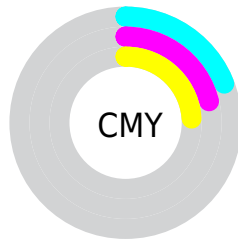
- Red (81%)
- Green (79%)
- Blue (76%)



- Red (78%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2579, 0.3216, 0.3385 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 59.2579, 0.3216, 0.3385 by changing the saturation by 10% instead.

■ 59.2579, 0.3216,
0.3385

■ 59.2579, 0.3216,
0.3385

421.8570, 0.3173,
0.3339

■ 42.8208, 0.3226,
0.3396

■ 103.7524, 0.3201,
0.3369

■ 29.7445, 0.3239,
0.3410

132.5786, 0.3195,
0.3363

■ 19.6447, 0.3256,
0.3427

166.3032, 0.3190,
0.3357

■ 12.1371, 0.3278,
0.3451

205.3106, 0.3186,
0.3353

■ 6.8371, 0.3310,
0.3485

249.9854, 0.3182,
0.3349

■ 3.3604, 0.3358,
0.3537

300.7117, 0.3179,

■ 1.3227, 0.3442,

0.3345

0.3627

357.8741, 0.3176,
0.3342

0.1587, 0.4849,
0.5151

0.0000, 0.0000,
0.0000

59.2579, 0.3216,
0.3385

59.2579, 0.3216,
0.3385

55.2956, 0.3382,
0.3555

63.4925, 0.3066,
0.3223

51.5908, 0.3563,
0.3731

67.9984, 0.2932,
0.3072

48.1388, 0.3758,
0.3908

72.7345, 0.2817,
0.2940

44.9317, 0.3963,
0.4078

76.4031, 0.2821,
0.3014

■ 41.9610, 0.4173,
0.4232

■ 80.2173, 0.2826,
0.3087

■ 39.2176, 0.4378,
0.4359

■ 84.1787, 0.2830,
0.3159

■ 36.6914, 0.4570,
0.4449

■ 88.2890, 0.2834,
0.3230

■ 34.3708, 0.4737,
0.4492

■ 91.8541, 0.2838,
0.3289

■ 32.2420, 0.4873,
0.4484

Harmonies

Analogous

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



59.2579, 0.3239, 0.3356



59.2579, 0.3216, 0.3385



59.2579, 0.3169, 0.3389

Triad

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



59.2579, 0.3216, 0.3385



59.2579, 0.3023, 0.3270



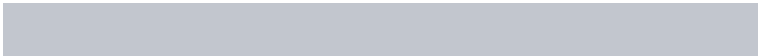
59.2579, 0.3143, 0.3216

Complementary

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



59.2579, 0.3216, 0.3385



56.2703, 0.3039, 0.3193

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.



59.2579, 0.3085, 0.3193



59.2579, 0.3216, 0.3385



59.2579, 0.3016, 0.3224

Square

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



59.2579, 0.3216, 0.3385



59.2579, 0.3057, 0.3322



59.2579, 0.3039, 0.3196



59.2579, 0.3197, 0.3259

Rectangle

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



59.2579, 0.3216, 0.3385



59.2579, 0.3130, 0.3376



59.2579, 0.3039, 0.3196



59.2579, 0.3123, 0.3206

Sweetspot

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



59.2605, 0.3216, 0.3385



98.6127, 0.3158, 0.3323



55.7694, 0.3194, 0.3243



21.1218, 0.3156, 0.3321



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.



59.2605, 0.3216, 0.3385



95.2228, 0.3236, 0.3406



60.8420, 0.3197, 0.3431



12.6149, 0.3243, 0.3414



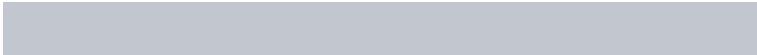
19.5276, 0.4911, 0.4482



1.1423, 0.4738, 0.4620

Inverse Universe

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



56.2703, 0.3039, 0.3193



89.3560, 0.3019, 0.3171



54.7663, 0.3055, 0.3146



11.7911, 0.3012, 0.3163



5.4188, 0.1633, 0.1080



0.4181, 0.1745, 0.1483

Previews

White Background



This preview shows how the Yxy color 59.2579, 0.3216, 0.3385 looks on a white background.

Color Contrast Check

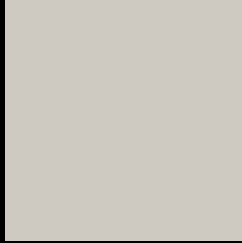
Large Text (above 18pt) WCAG AA × Fail

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 59.2579, 0.3216, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

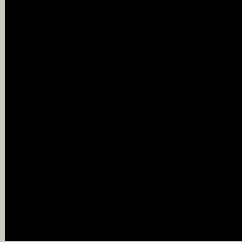
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

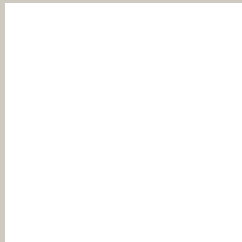
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2579, 0.3216, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 59.2579, 0.3216, 0.3385.

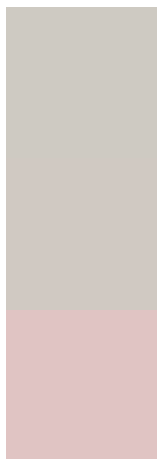


This preview shows how white text looks on a background with the Yxy color 59.2579, 0.3216, 0.3385.

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

59.2579, 0.3216, 0.3385

Protanopia

59.0782, 0.3233, 0.3373

Deuteranopia

59.2673, 0.3361, 0.3302



Tritanopia

59.3085, 0.3089, 0.3106

Trichromacy



Original Color

59.2579, 0.3216, 0.3385

Protanomaly

58.9337, 0.3225, 0.3373

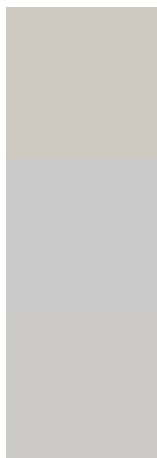
Deuteranomaly

59.0800, 0.3301, 0.3325

Tritanomaly

59.2234, 0.3139, 0.3209

Monochromacy



Original Color

59.2579, 0.3216, 0.3385

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0611, 0.3156, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2579, 0.3216, 0.3385 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 194) }
```

Border

The CSS property to change the border of an element to Yxy 59.2579, 0.3216, 0.3385 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, 194) }
```

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

```
.border{ border-color:rgb(206, 202, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 202, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 202, 194); box-shadow:4px 4px 4px 4px rgb(206, 202, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2579, 0.3216, 0.3385 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, 194) }
```

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

```
.background{ background-color: rgb(206,  
202, 194) }
```

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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