

Converting Colors

Yxy(59.1610, 0.3231, 0.3446)

Have a look what the booklet for
Yxy(59.1610, 0.3231, 0.3446)
contains.

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Color

Yxy(59.2669, 0.3229, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	CCCBBE
RGB	204, 203, 190
RGB Percent	80%, 80%, 75%
CMY	0.2000, 0.2039, 0.2549
CMYK	0.00, 0.00, 0.07, 0.20
HSL	56°, 12%, 77%
HSV	56°, 7%, 80%
XYZ	55.5509, 59.2669, 57.2197
YIQ	201.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

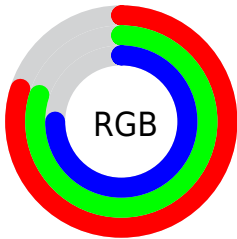
Format	Color
RYB	191, 204, 190
Decimal	13421502
CIELab	81.44, -1.95, 6.60
CIELCh	81, 6.883, 106.448
Yxy	59.2669, 0.3229, 0.3445
Android (android.graphics.Color)	4291611582 (0xFFCCCBBE)
YUV	201.8170, -5.8258, 1.9145
Hunter-Lab	76.9850, -5.9216, 9.8218

Details

The Yxy color **59.2669, 0.3229, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5598, 0.3023, 0.3130**, and the grayscale version is **58.9784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **29.7851, 0.3253, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **57.7580, 0.3383, 0.3677**, and if you desaturate by 10%, it is **60.9122, 0.3082, 0.3221**.

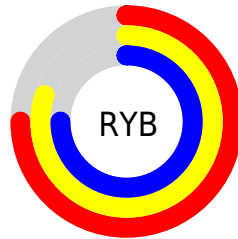
Distribution



Red (80%)

Green (80%)

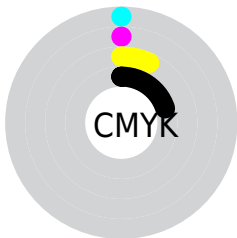
Blue (75%)



Red (75%)

Yellow (80%)

Blue (75%)

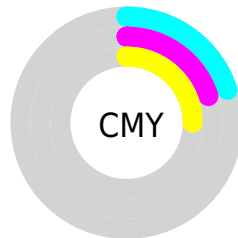


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (20%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2669, 0.3229, 0.3445 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 59.2669, 0.3229, 0.3445 by changing the saturation by 10% instead.


 59.2669, 0.3229,
0.3445

 59.2669, 0.3229,
0.3445

421.8903, 0.3180,
0.3370

 42.8280, 0.3241,
0.3463


 103.7655, 0.3212,
0.3418

 29.7502, 0.3255,
0.3485


132.5940, 0.3205,
0.3408

 19.6491, 0.3274,
0.3515


166.3211, 0.3199,
0.3400

 12.1402, 0.3299,
0.3554

205.3312, 0.3195,
0.3392

 6.8392, 0.3335,
0.3611

250.0089, 0.3190,
0.3386

 3.3618, 0.3389,
0.3698

300.7383, 0.3187,

 1.3234, 0.3481,

0.3380

357.9040, 0.3183,
0.3375

0.3850

0.1592, 0.3945,
0.6055

0.0000, 0.0000,
0.0000

59.2669, 0.3229,
0.3445

59.2669, 0.3229,
0.3445

57.7580, 0.3383,
0.3677

60.9122, 0.3082,
0.3221

56.3726, 0.3541,
0.3912

62.6911, 0.2944,
0.3009

55.1077, 0.3698,
0.4142

64.6107, 0.2817,
0.2811

53.9574, 0.3848,
0.4358

65.5604, 0.2795,
0.2789

■ 52.9152, 0.3987,
0.4551

■ 66.2735, 0.2796,
0.2805

■ 51.9739, 0.4106,
0.4711

■ 66.9931, 0.2797,
0.2821

■ 51.1253, 0.4201,
0.4831

■ 67.7192, 0.2798,
0.2837

■ 50.3600, 0.4270,
0.4908

■ 68.4519, 0.2799,
0.2854

■ 49.6653, 0.4313,
0.4942

■ 69.1910, 0.2800,
0.2870

Harmonies

Analogous

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



59.2669, 0.3287, 0.3418



59.2669, 0.3229, 0.3445



59.2669, 0.3145, 0.3429

Triad

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



59.2669, 0.3229, 0.3445



59.2669, 0.2956, 0.3218



59.2669, 0.3197, 0.3208

Complementary

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



59.2669, 0.3229, 0.3445



52.5598, 0.3023, 0.3130

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.



59.2669, 0.3108, 0.3156



59.2669, 0.3229, 0.3445



59.2669, 0.2970, 0.3161

Square

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



59.2669, 0.3229, 0.3445



59.2669, 0.2988, 0.3297



59.2669, 0.3025, 0.3139



59.2669, 0.3268, 0.3282

Rectangle

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



59.2669, 0.3229, 0.3445



59.2669, 0.3085, 0.3396



59.2669, 0.3025, 0.3139



59.2669, 0.3168, 0.3188

Sweetspot

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



59.2695, 0.3229, 0.3445



99.4450, 0.3157, 0.3335



53.4280, 0.3234, 0.3276



21.2912, 0.3155, 0.3333



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.



59.2695, 0.3229, 0.3445



97.8344, 0.3248, 0.3473



58.9313, 0.3182, 0.3459



12.9550, 0.3267, 0.3503



31.1850, 0.4322, 0.4950



1.6506, 0.4294, 0.4972

Inverse Universe

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



52.5598, 0.3023, 0.3130



84.8330, 0.3003, 0.3100



52.8943, 0.3069, 0.3120



10.9698, 0.2982, 0.3068



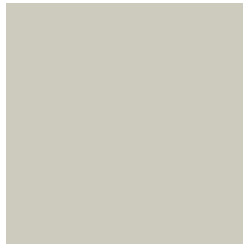
3.0014, 0.1514, 0.0650



0.2005, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 59.2669, 0.3229, 0.3445 looks on a white background.

Color Contrast Check

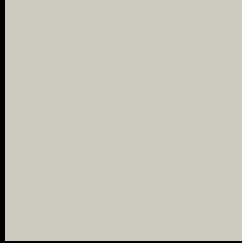
Large Text (above 18pt) WCAG AA × Fail

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 59.2669, 0.3229, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

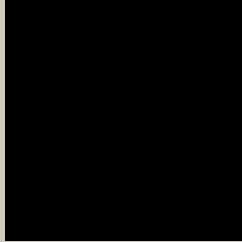
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

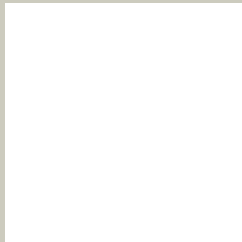
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2669, 0.3229, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 59.2669, 0.3229, 0.3445.



This preview shows how white text looks on a background with the Yxy color 59.2669, 0.3229, 0.3445.

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

59.2669, 0.3229, 0.3445

Protanopia

59.0027, 0.3278, 0.3432

Deuteranopia

59.0047, 0.3403, 0.3325



Tritanopia

59.1630, 0.3082, 0.3106

Trichromacy



Original Color

59.2669, 0.3229, 0.3445

Protanomaly

59.1806, 0.3261, 0.3444

Deuteranomaly

59.0552, 0.3340, 0.3371

Tritanomaly

59.0302, 0.3138, 0.3220

Monochromacy



Original Color

59.2669, 0.3229, 0.3445

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0148, 0.3164, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2669, 0.3229, 0.3445 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(204, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 190)  
}
```

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(204, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 190) }
```

Border

The CSS property to change the border of an element to Yxy 59.2669, 0.3229, 0.3445 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(204, 203, 190) }
```

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

```
.border{ border-color:rgb(204, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2669, 0.3229, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 190) }
```

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

```
.background{ background-color: rgb(204,  
203, 190) }
```

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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