

Converting Colors

Yxy(59.0522, 0.3332, 0.3408)

Have a look what the booklet for
Yxy(59.0522, 0.3332, 0.3408)
contains.

Yxy(58.9680, 0.3330, 0.3407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.9680, 0.3330, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	D7C7BD
RGB	215, 199, 189
RGB Percent	84%, 78%, 74%
CMY	0.1568, 0.2196, 0.2589
CMYK	0.00, 0.07, 0.12, 0.16
HSL	23°, 25%, 79%
HSV	23°, 12%, 84%
XYZ	57.6353, 58.9680, 56.4757
YIQ	202.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

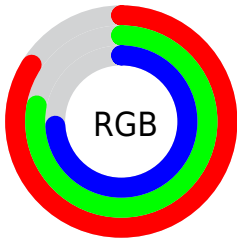
Format	Color
R _Y B	215, 205, 189
Decimal	14141373
CIE Lab	81.27, 3.92, 7.02
CIE LCh	81, 8.042, 60.805
Yxy	58.9680, 0.3330, 0.3407
Android (android.graphics.Color)	4292331453 (0xFFD7C7BD)
YUV	202.6440, -6.7265, 10.8362
Hunter-Lab	76.7906, -0.4102, 10.1486

Details

The Yxy color **58.9680, 0.3330, 0.3407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3853, 0.2940, 0.3170**, and the grayscale version is **59.5251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **29.5020, 0.3379, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **52.2804, 0.3529, 0.3510**, and if you desaturate by 10%, it is **66.3283, 0.3160, 0.3310**.

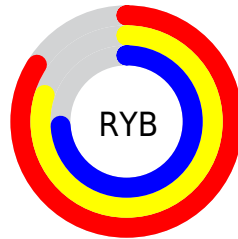
Distribution



Red (84%)

Green (78%)

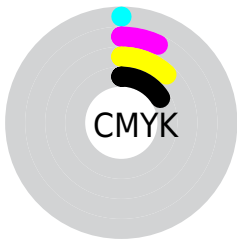
Blue (74%)



Red (84%)

Yellow (80%)

Blue (74%)

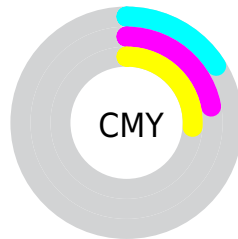


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9680, 0.3330, 0.3407 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 58.9680, 0.3330, 0.3407 by changing the saturation by 10% instead.


 58.9680, 0.3330,
0.3407

 58.9680, 0.3330,
0.3407


420.7833, 0.3232,
0.3352

 42.5874, 0.3353,
0.3420


 103.3312, 0.3295,
0.3387

 29.5615, 0.3383,
0.3436


132.0825, 0.3282,
0.3380

 19.5060, 0.3421,
0.3457


165.7261, 0.3271,
0.3373

 12.0365, 0.3473,
0.3485

204.6465, 0.3261,
0.3368

 6.7685, 0.3547,
0.3524

249.2280, 0.3252,
0.3363

 3.3178, 0.3661,
0.3582

299.8551, 0.3245,

 1.2998, 0.3861,

0.3359

0.3681

356.9120, 0.3238,
0.3355

0.1410, 0.6197,
0.3803

0.0000, 0.0000,
0.0000

58.9680, 0.3330,
0.3407

58.9680, 0.3330,
0.3407

52.2804, 0.3529,
0.3510

66.3283, 0.3160,
0.3310

46.2383, 0.3759,
0.3616

74.3721, 0.3014,
0.3219

40.8238, 0.4023,
0.3720

83.1199, 0.2890,
0.3136

36.0152, 0.4318,
0.3815

91.2338, 0.2887,
0.3258

■ 31.7896, 0.4639,
0.3891

■ 93.1901, 0.2889,
0.3289

■ 28.1222, 0.4970,
0.3935

■ 24.9862, 0.5289,
0.3935

■ 22.3516, 0.5569,
0.3883

■ 20.5984, 0.5756,
0.3812

Harmonies

Analogous

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



58.9680, 0.3318, 0.3324



58.9680, 0.3330, 0.3407



58.9680, 0.3287, 0.3461

Triad

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



58.9680, 0.3330, 0.3407



58.9680, 0.3002, 0.3347



58.9680, 0.3051, 0.3117

Complementary

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



58.9680, 0.3330, 0.3407



59.3853, 0.2940, 0.3170

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.



58.9680, 0.2969, 0.3121



58.9680, 0.3330, 0.3407



58.9680, 0.2940, 0.3252

Square

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



58.9680, 0.3330, 0.3407



58.9680, 0.3097, 0.3427



58.9680, 0.2928, 0.3169



58.9680, 0.3155, 0.3159

Rectangle

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



58.9680, 0.3330, 0.3407



58.9680, 0.3233, 0.3472



58.9680, 0.2928, 0.3169



58.9680, 0.3020, 0.3113

Sweetspot

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



58.9706, 0.3330, 0.3407



95.4221, 0.3191, 0.3328



55.2459, 0.3218, 0.3105



20.2439, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



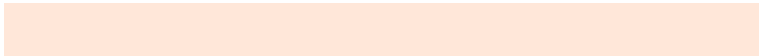
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9706, 0.3330, 0.3407



83.6723, 0.3387, 0.3438



65.2013, 0.3311, 0.3554



13.1966, 0.3282, 0.3380



12.5085, 0.5729, 0.3833



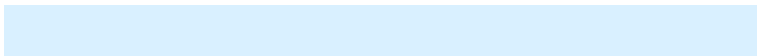
0.9123, 0.5407, 0.4089

Inverse Universe

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



59.3853, 0.2940, 0.3170



84.4184, 0.2893, 0.3138



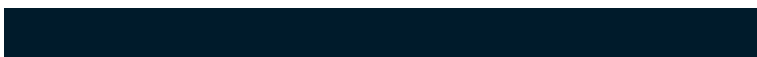
53.4303, 0.2937, 0.3012



13.2678, 0.2982, 0.3198



13.0579, 0.1885, 0.1985



0.9457, 0.1954, 0.2235

Previews

White Background



This preview shows how the Yxy color 58.9680, 0.3330, 0.3407 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 58.9680, 0.3330, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

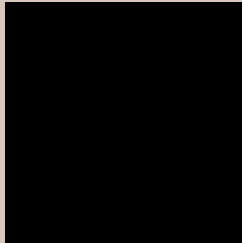
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9680, 0.3330, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 58.9680, 0.3330, 0.3407.



This preview shows how white text looks on a background with the Yxy color 58.9680, 0.3330, 0.3407.

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

58.9680, 0.3330, 0.3407

Protanopia

58.9009, 0.3263, 0.3420

Deuteranopia

58.9167, 0.3419, 0.3347



Tritanopia

59.0884, 0.3190, 0.3121

Trichromacy



Original Color

58.9680, 0.3330, 0.3407

Protanomaly

58.8751, 0.3288, 0.3408

Deuteranomaly

58.7272, 0.3384, 0.3359

Tritanomaly

58.9960, 0.3242, 0.3222

Monochromacy



Original Color

58.9680, 0.3330, 0.3407

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5837, 0.3195, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9680, 0.3330, 0.3407 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(215, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 189)  
}
```

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(215, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.9680, 0.3330, 0.3407 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(215, 199, 189) }
```

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

```
.border{ border-color:rgb(215, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9680, 0.3330, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 189) }
```

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

```
.background{ background-color: rgb(215,  
199, 189) }
```

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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