

Converting Colors

Yxy(59.8930, 0.3409, 0.3543)

Have a look what the booklet for
Yxy(59.8930, 0.3409, 0.3543)
contains.

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Color

Yxy(59.6675, 0.3403, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	D8C9B4
RGB	216, 201, 180
RGB Percent	85%, 79%, 71%
CMY	0.1531, 0.2117, 0.2940
CMYK	0.00, 0.07, 0.17, 0.15
HSL	35°, 32%, 78%
HSV	35°, 17%, 85%
XYZ	57.4395, 59.6675, 51.6837
YIQ	203.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

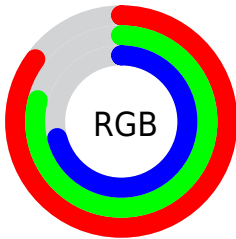
Format	Color
RYB	206, 216, 180
Decimal	14207412
CIELab	81.66, 1.79, 12.36
CIELCh	82, 12.490, 81.752
Yxy	59.6675, 0.3403, 0.3535
Android (android.graphics.Color)	4292397492 (0xFFD8C9B4)
YUV	203.0910, -11.3839, 11.3212
Hunter-Lab	77.2447, -2.4451, 14.4010

Details

The Yxy color $59.6675, 0.3403, 0.3535$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.6872, 0.2865, 0.3032$, and the grayscale version is $59.8470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8361, 0.3238, 0.3473$, and $29.9768, 0.3478, 0.3600$ is the 20% darker color. If you saturate the color by 10%, you get $54.7881, 0.3595, 0.3690$, and if you desaturate by 10%, it is $64.9346, 0.3231, 0.3385$.

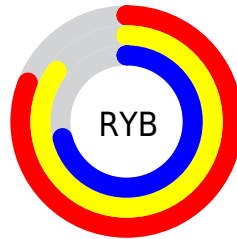
Distribution



Red (85%)

Green (79%)

Blue (71%)



Red (81%)

Yellow (85%)

Blue (71%)

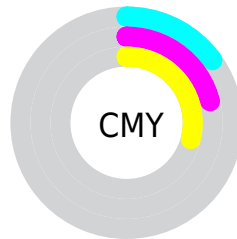


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (15%)



Cyan (15%)


Magenta (21%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6675, 0.3403, 0.3535 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 59.6675, 0.3403, 0.3535 by changing the saturation by 10% instead.

 59.6675, 0.3403,
0.3535

 59.6675, 0.3403,
0.3535


423.3711, 0.3271,
0.3418

 43.1507, 0.3435,
0.3563

 104.3472, 0.3356,
0.3494

 30.0034, 0.3474,
0.3597


133.2788, 0.3338,
0.3478

 19.8411, 0.3525,
0.3641


167.1176, 0.3323,
0.3464

 12.2796, 0.3594,
0.3701

206.2478, 0.3309,
0.3453

 6.9344, 0.3691,
0.3783

251.0538, 0.3298,
0.3442

 3.4211, 0.3837,
0.3906

301.9201, 0.3288,

 1.3553, 0.4154,

0.3433

0.4179

359.2311, 0.3279,
0.3425

0.1835, 0.5431,
0.4569

0.0000, 0.0000,
0.0000

59.6675, 0.3403,
0.3535

59.6675, 0.3403,
0.3535

54.7881, 0.3595,
0.3690

64.9346, 0.3231,
0.3385

50.2779, 0.3806,
0.3846

70.5915, 0.3078,
0.3243

46.1285, 0.4034,
0.3996

76.6503, 0.2943,
0.3111

42.3282, 0.4272,
0.4131

82.3628, 0.2887,
0.3103

■ 38.8641, 0.4513,
0.4238

■ 87.6977, 0.2890,
0.3197

■ 35.7222, 0.4743,
0.4306

■ 93.2972, 0.2894,
0.3289

■ 32.8869, 0.4949,
0.4325

■ 93.3346, 0.2894,
0.3289

■ 30.3393, 0.5122,
0.4291

■ 29.5393, 0.5176,
0.4273

Harmonies

Analogous

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



59.6675, 0.3446, 0.3433



59.6675, 0.3403, 0.3535



59.6675, 0.3286, 0.3574

Triad

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



59.6675, 0.3403, 0.3535



59.6675, 0.2861, 0.3273



59.6675, 0.3120, 0.3063

Complementary

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



59.6675, 0.3403, 0.3535



53.6872, 0.2865, 0.3032

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.



59.6675, 0.2966, 0.3019



59.6675, 0.3403, 0.3535



59.6675, 0.2819, 0.3135

Square

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



59.6675, 0.3403, 0.3535



59.6675, 0.2973, 0.3420



59.6675, 0.2857, 0.3044



59.6675, 0.3280, 0.3164

Rectangle

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



59.6675, 0.3403, 0.3535



59.6675, 0.3182, 0.3555



59.6675, 0.2857, 0.3044



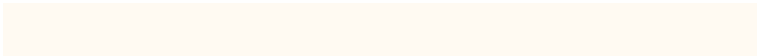
59.6675, 0.3066, 0.3042

Sweetspot

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



59.6702, 0.3403, 0.3535



95.8669, 0.3205, 0.3362



51.1887, 0.3316, 0.3115



20.3976, 0.3217, 0.3372



0.0000, 0.0000, 0.0000



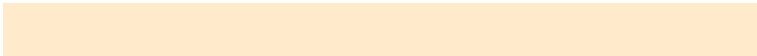
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6702, 0.3403, 0.3535



84.3373, 0.3469, 0.3590



66.5360, 0.3353, 0.3704



13.6133, 0.3277, 0.3426



17.7069, 0.5156, 0.4288



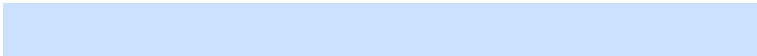
1.2297, 0.4946, 0.4455

Inverse Universe

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



53.6872, 0.2865, 0.3032



74.0294, 0.2807, 0.2971



47.6803, 0.2880, 0.2846



12.8494, 0.2982, 0.3150



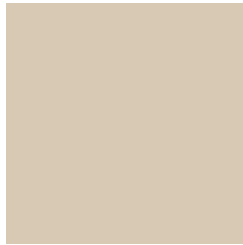
7.4542, 0.1700, 0.1321



0.6109, 0.1796, 0.1663

Previews

White Background



This preview shows how the Yxy color 59.6675, 0.3403, 0.3535 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 59.6675, 0.3403, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

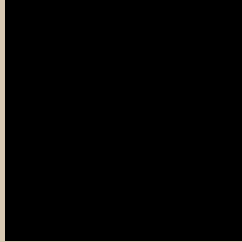
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

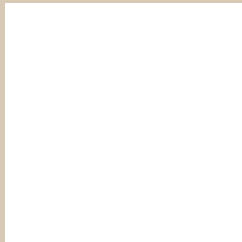
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6675, 0.3403, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 59.6675, 0.3403, 0.3535.



This preview shows how white text looks on a background with the Yxy color 59.6675, 0.3403, 0.3535.

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

59.6675, 0.3403, 0.3535

Protanopia

59.5743, 0.3361, 0.3537

Deuteranopia

59.8050, 0.3530, 0.3459



Tritanopia

59.4490, 0.3199, 0.3110

Trichromacy



Original Color

59.6675, 0.3403, 0.3535

Protanomaly

59.7234, 0.3370, 0.3537

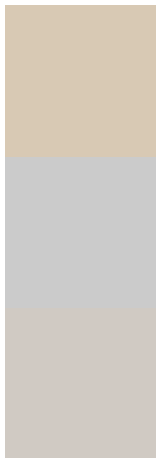
Deuteranomaly

59.8931, 0.3484, 0.3484

Tritanomaly

59.6184, 0.3279, 0.3268

Monochromacy



Original Color

59.6675, 0.3403, 0.3535

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5911, 0.3225, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6675, 0.3403, 0.3535 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(216, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 180)  
}
```

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(216, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 180) }
```

Border

The CSS property to change the border of an element to Yxy 59.6675, 0.3403, 0.3535 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(216, 201, 180) }
```

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

```
.border{ border-color:rgb(216, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6675, 0.3403, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 180) }
```

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

```
.background{ background-color: rgb(216,  
201, 180) }
```

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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