

Converting Colors

Yxy(59.1719, 0.3262, 0.3513)

Have a look what the booklet for
Yxy(59.1719, 0.3262, 0.3513)
contains.

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Color

Yxy(58.9112, 0.3258, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBB9
RGB	203, 203, 185
RGB Percent	80%, 80%, 73%
CMY	0.2038, 0.2039, 0.2746
CMYK	0.00, 0.00, 0.09, 0.20
HSL	60°, 15%, 76%
HSV	60°, 9%, 80%
XYZ	54.7441, 58.9112, 54.3744
YIQ	200.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

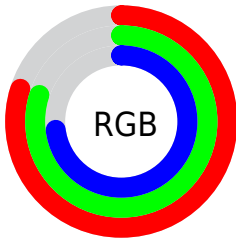
Format	Color
RYB	185, 203, 185
Decimal	13355961
CIELab	81.24, -3.14, 8.99
CIELCh	81, 9.518, 109.267
Yxy	58.9112, 0.3258, 0.3506
Android (android.graphics.Color)	4291546041 (0xFFCBCBB9)
YUV	200.9480, -7.8624, 1.7996
Hunter-Lab	76.7536, -7.0048, 11.7249

Details

The Yxy color $58.9112, 0.3258, 0.3506$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.3245, 0.2991, 0.3064$, and the grayscale version is $58.4241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.1309, 0.3209, 0.3425$, and $29.5504, 0.3292, 0.3562$ is the 20% darker color. If you saturate the color by 10%, you get $58.1058, 0.3409, 0.3755$, and if you desaturate by 10%, it is $59.8442, 0.3111, 0.3263$.

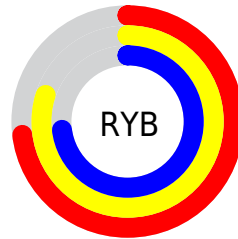
Distribution



Red (80%)

Green (80%)

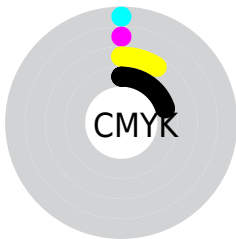
Blue (73%)



Red (73%)

Yellow (80%)

Blue (73%)

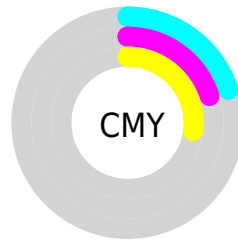


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9112, 0.3258, 0.3506 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 58.9112, 0.3258, 0.3506 by changing the saturation by 10% instead.

■ 58.9112, 0.3258,
0.3506

■ 58.9112, 0.3258,
0.3506

420.5728, 0.3195,
0.3402

■ 42.5416, 0.3273,
0.3531

■ 103.2486, 0.3236,
0.3469

■ 29.5256, 0.3291,
0.3563

131.9852, 0.3227,
0.3455

■ 19.4788, 0.3315,
0.3604

165.6130, 0.3220,
0.3443

■ 12.0168, 0.3347,
0.3660

204.5163, 0.3214,
0.3432

■ 6.7551, 0.3393,
0.3740

249.0795, 0.3208,
0.3423

■ 3.3094, 0.3461,
0.3863

299.6871, 0.3204,

■ 1.2953, 0.3595,

0.3415

0.4103

356.7234, 0.3199,
0.3408

0.1376, 0.2822,
0.7178

0.0000, 0.0000,
0.0000

58.9112, 0.3258,
0.3506

58.9112, 0.3258,
0.3506

58.1058, 0.3409,
0.3755

59.8442, 0.3111,
0.3263

57.4150, 0.3560,
0.4004

60.9020, 0.2971,
0.3032

56.8360, 0.3705,
0.4245

62.0916, 0.2840,
0.2816

56.3628, 0.3840,
0.4467

62.6755, 0.2785,
0.2724

■ 55.9888, 0.3958,
0.4661

■ 62.6865, 0.2785,
0.2724

■ 55.7068, 0.4054,
0.4820

■ 62.6974, 0.2785,
0.2725

■ 55.5086, 0.4126,
0.4937

■ 62.7084, 0.2785,
0.2725

■ 55.3843, 0.4171,
0.5011

■ 62.7193, 0.2785,
0.2725

■ 55.3182, 0.4193,
0.5048

■ 62.7303, 0.2785,
0.2726

Harmonies

Analogous

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



58.9112, 0.3343, 0.3473



58.9112, 0.3258, 0.3506



58.9112, 0.3139, 0.3479

Triad

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



58.9112, 0.3258, 0.3506



58.9112, 0.2890, 0.3180



58.9112, 0.3235, 0.3185

Complementary

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



58.9112, 0.3258, 0.3506



49.3245, 0.2991, 0.3064

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.



58.9112, 0.3112, 0.3111



58.9112, 0.3258, 0.3506



58.9112, 0.2915, 0.3106

Square

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



58.9112, 0.3258, 0.3506



58.9112, 0.2928, 0.3288



58.9112, 0.2995, 0.3081



58.9112, 0.3330, 0.3288

Rectangle

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



58.9112, 0.3258, 0.3506



58.9112, 0.3057, 0.3430



58.9112, 0.2995, 0.3081



58.9112, 0.3195, 0.3156

Sweetspot

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



58.9138, 0.3258, 0.3506



99.5115, 0.3171, 0.3363



50.9051, 0.3278, 0.3287



21.2723, 0.3183, 0.3383



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.



58.9138, 0.3258, 0.3506



98.3029, 0.3292, 0.3562



57.7334, 0.3189, 0.3511



13.0944, 0.3266, 0.3519



35.1930, 0.4195, 0.5051



1.8163, 0.4195, 0.5051

Inverse Universe

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



49.3245, 0.2991, 0.3064



78.4711, 0.2953, 0.3003



50.4335, 0.3061, 0.3069



10.8460, 0.2982, 0.3051



2.7481, 0.1500, 0.0601



0.1425, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 58.9112, 0.3258, 0.3506 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 58.9112, 0.3258, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

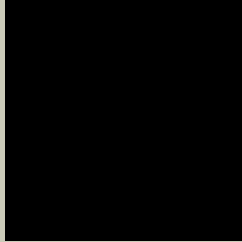
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

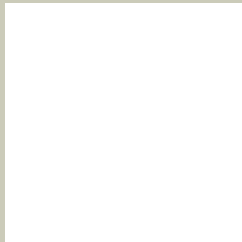
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9112, 0.3258, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 58.9112, 0.3258, 0.3506.



This preview shows how white text looks on a background with the Yxy color 58.9112, 0.3258, 0.3506.

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

58.9112, 0.3258, 0.3506

Protanopia

58.7893, 0.3316, 0.3492

Deuteranopia

58.9490, 0.3451, 0.3381



Tritanopia

58.9673, 0.3081, 0.3117

Trichromacy



Original Color

58.9112, 0.3258, 0.3506

Protanomaly

58.9671, 0.3298, 0.3504

Deuteranomaly

58.8388, 0.3379, 0.3430

Tritanomaly

58.7422, 0.3152, 0.3255

Monochromacy



Original Color

58.9112, 0.3258, 0.3506

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7377, 0.3178, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9112, 0.3258, 0.3506 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(203, 203, 185)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 185)  
}
```

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(203, 203, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 185) }
```

Border

The CSS property to change the border of an element to Yxy 58.9112, 0.3258, 0.3506 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(203, 203, 185) }
```

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

```
.border{ border-color:rgb(203, 203, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 185);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9112, 0.3258, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 185) }
```

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

```
.background{ background-color: rgb(203,  
203, 185) }
```

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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