

Converting Colors

$Yxy(58.4710, 0.3008, 0.3268)$

Have a look what the booklet for
Yxy(58.4710, 0.3008, 0.3268)
contains.

Yxy(58.5891, 0.3008, 0.3266)	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(58.5891, 0.3008, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	BECCCE
RGB	190, 204, 206
RGB Percent	75%, 80%, 81%
CMY	0.2550, 0.1999, 0.1923
CMYK	0.08, 0.01, 0.00, 0.19
HSL	187°, 14%, 78%
HSV	187°, 8%, 81%
XYZ	53.9608, 58.5891, 66.8411
YIQ	200.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

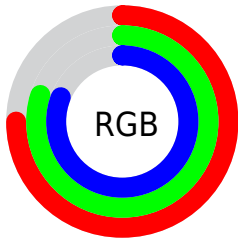
Format	Color
RYB	190, 197, 206
Decimal	12504270
CIELab	81.07, -4.37, -2.62
CIElCh	81, 5.096, 210.985
Yxy	58.5891, 0.3008, 0.3266
Android (android.graphics.Color)	4290694350 (0xFFBECCCE)
YUV	200.0420, 2.9373, -8.8068
Hunter-Lab	76.5435, -8.1142, 1.8059

Details

The Yxy color **58.5891, 0.3008, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5051, 0.3257, 0.3314**, and the grayscale version is **57.7697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **29.3981, 0.2979, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **54.9343, 0.2859, 0.3233**, and if you desaturate by 10%, it is **62.6431, 0.3162, 0.3297**.

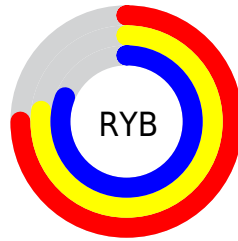
Distribution



Red (75%)

Green (80%)

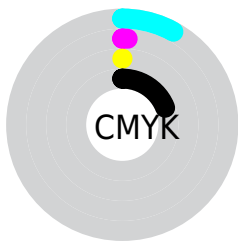
Blue (81%)



Red (75%)

Yellow (77%)

Blue (81%)

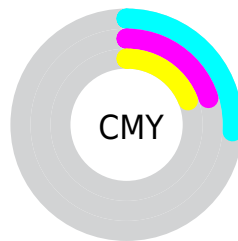


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (20%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5891, 0.3008, 0.3266 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 58.5891, 0.3008, 0.3266 by changing the saturation by 10% instead.

■ 58.5891, 0.3008,
0.3266

■ 58.5891, 0.3008,
0.3266

419.3775, 0.3065,
0.3278

■ 42.2824, 0.2994,
0.3263

■ 102.7802, 0.3028,
0.3270

■ 29.3225, 0.2977,
0.3259

131.4335, 0.3036,
0.3272

■ 19.3249, 0.2955,
0.3255

164.9711, 0.3043,
0.3273

■ 11.9053, 0.2925,
0.3248

203.7773, 0.3048,
0.3274

■ 6.6792, 0.2883,
0.3238

248.2367, 0.3053,
0.3275

■ 3.2623, 0.2818,
0.3223

298.7336, 0.3058,

■ 1.2702, 0.2708,

0.3276

0.3194

355.6524, 0.3062,
0.3277

0.1179, 0.0125,
0.2710

0.0000, 0.0000,
0.0000

58.5891, 0.3008,
0.3266

58.5891, 0.3008,
0.3266

54.9343, 0.2859,
0.3233

62.6431, 0.3162,
0.3297

51.6555, 0.2717,
0.3197

67.1037, 0.3317,
0.3324

48.7383, 0.2586,
0.3158

71.9874, 0.3472,
0.3349

46.1647, 0.2468,
0.3118

73.8643, 0.3492,
0.3374

■ 43.9149, 0.2366,
0.3076

■ 75.1526, 0.3487,
0.3400

■ 41.9667, 0.2282,
0.3033

■ 76.4609, 0.3483,
0.3425

■ 40.2955, 0.2218,
0.2990

■ 77.7891, 0.3478,
0.3450

■ 38.8719, 0.2172,
0.2947

■ 79.1374, 0.3473,
0.3475

■ 37.6545, 0.2143,
0.2905

■ 80.5058, 0.3469,
0.3500

Harmonies

Analogous

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



58.5891, 0.3047, 0.3326



58.5891, 0.3008, 0.3266



58.5891, 0.3001, 0.3213

Triad

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



58.5891, 0.3008, 0.3266



58.5891, 0.3146, 0.3206



58.5891, 0.3228, 0.3399

Complementary

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



58.5891, 0.3008, 0.3266



54.5051, 0.3257, 0.3314

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.



58.5891, 0.3256, 0.3365



58.5891, 0.3008, 0.3266



58.5891, 0.3208, 0.3254

Square

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



58.5891, 0.3008, 0.3266



58.5891, 0.3080, 0.3180



58.5891, 0.3248, 0.3312



58.5891, 0.3174, 0.3403

Rectangle

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



58.5891, 0.3008, 0.3266



58.5891, 0.3014, 0.3190



58.5891, 0.3248, 0.3312



58.5891, 0.3241, 0.3390

Sweetspot

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



58.5916, 0.3008, 0.3266



98.6474, 0.3096, 0.3284



58.8734, 0.3105, 0.3463



21.1288, 0.3097, 0.3284



0.0000, 0.0000, 0.0000



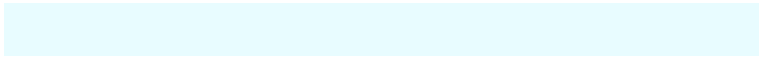
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5916, 0.3008, 0.3266



94.1230, 0.2988, 0.3262



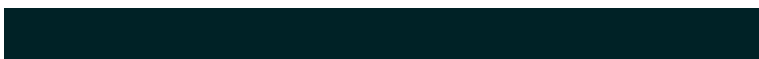
54.9270, 0.3008, 0.3170



12.4832, 0.2983, 0.3261



23.1295, 0.2140, 0.2902



1.2608, 0.2162, 0.2985

Inverse Universe

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



54.2938, 0.3151, 0.3124



86.0416, 0.3155, 0.3095



58.0700, 0.3248, 0.3408



11.3792, 0.3156, 0.3089



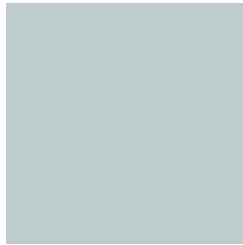
10.1379, 0.3542, 0.1725



0.5298, 0.3468, 0.1684

Previews

White Background



This preview shows how the Yxy color 58.5891, 0.3008, 0.3266 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 58.5891, 0.3008, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

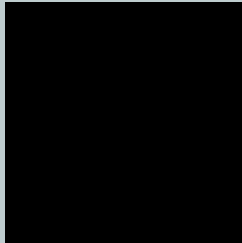
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

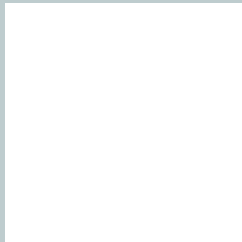
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5891, 0.3008, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 58.5891, 0.3008, 0.3266.



This preview shows how white text looks on a background with the Yxy color 58.5891, 0.3008, 0.3266.

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

58.5891, 0.3008, 0.3266

Protanopia

58.5056, 0.3129, 0.3243

Deuteranopia

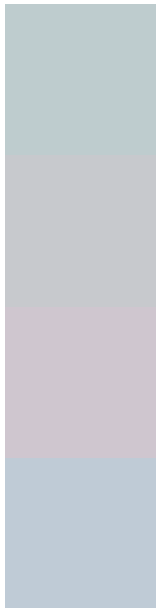
58.3360, 0.3206, 0.3142



Tritanopia

58.5095, 0.2942, 0.3100

Trichromacy



Original Color

58.5891, 0.3008, 0.3266

Protanomaly

58.3232, 0.3083, 0.3242

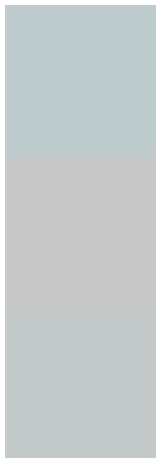
Deuteranomaly

58.1586, 0.3132, 0.3185

Tritanomaly

58.6433, 0.2961, 0.3159

Monochromacy



Original Color

58.5891, 0.3008, 0.3266

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7733, 0.3082, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5891, 0.3008, 0.3266 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(190, 204, 206) looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 206)  
}
```

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(190, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.5891, 0.3008, 0.3266 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(190, 204, 206) }
```

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

```
.border{ border-color:rgb(190, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5891, 0.3008, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 206) }
```

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

```
.background{ background-color: rgb(190,  
204, 206) }
```

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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