

Converting Colors

$Yxy(58.6345, 0.3052, 0.3269)$

Have a look what the booklet for
Yxy(58.6345, 0.3052, 0.3269)
contains.

Yxy(58.7218, 0.3052, 0.3266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7218, 0.3052, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C3CBCD
RGB	195, 203, 205
RGB Percent	76%, 80%, 80%
CMY	0.2354, 0.2039, 0.1961
CMYK	0.05, 0.01, 0.00, 0.20
HSL	192°, 9%, 78%
HSV	192°, 5%, 80%
XYZ	54.8741, 58.7218, 66.2014
YIQ	200.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

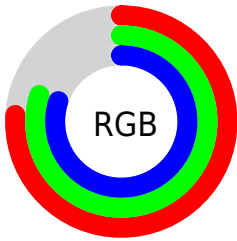
Format	Color
RYB	195, 199, 205
Decimal	12831693
CIELab	81.14, -2.36, -1.95
CIELCh	81, 3.065, 219.592
Yxy	58.7218, 0.3052, 0.3266
Android (android.graphics.Color)	4291021773 (0xFFC3CBCD)
YUV	200.8360, 2.0529, -5.1182
Hunter-Lab	76.6302, -6.2806, 2.4200

Details

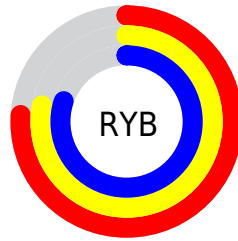
The Yxy color **58.7218, 0.3052, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8293, 0.3206, 0.3314**, and the grayscale version is **58.2896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **29.3920, 0.3028, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **54.2858, 0.2900, 0.3213**, and if you desaturate by 10%, it is **63.5879, 0.3206, 0.3314**.

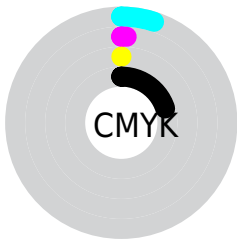
Distribution



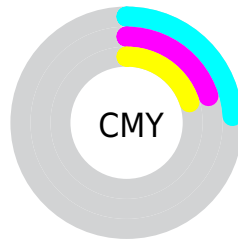
- Red (76%)
- Green (80%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7218, 0.3052, 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 58.7218, 0.3052, 0.3266 by changing the saturation by 10% instead.

■ 58.7218, 0.3052,
0.3266

■ 58.7218, 0.3052,
0.3266

419.8702, 0.3088,
0.3278

■ 42.3892, 0.3043,
0.3263

■ 102.9732, 0.3065,
0.3270

■ 29.4062, 0.3033,
0.3260

131.6608, 0.3070,
0.3272

■ 19.3883, 0.3019,
0.3255

165.2356, 0.3074,
0.3273

■ 11.9512, 0.3000,
0.3249

204.0819, 0.3078,
0.3274

■ 6.7104, 0.2973,
0.3239

248.5841, 0.3081,
0.3275

■ 3.2817, 0.2932,
0.3225

299.1266, 0.3083,

■ 1.2805, 0.2861,

0.3276

0.3200

356.0938, 0.3086,
0.3277

0.1260, 0.1345,
0.2728

0.0000, 0.0000,
0.0000

58.7218, 0.3052,
0.3266

58.7218, 0.3052,
0.3266

54.2858, 0.2900,
0.3213

63.5879, 0.3206,
0.3314

50.2569, 0.2753,
0.3156

68.8913, 0.3358,
0.3357

46.6210, 0.2612,
0.3094

74.3694, 0.3497,
0.3395

43.3602, 0.2483,
0.3029

76.4658, 0.3489,
0.3436

■ 40.4552, 0.2367,
0.2960

■ 78.6139, 0.3482,
0.3476

■ 37.8845, 0.2268,
0.2889

■ 80.8141, 0.3474,
0.3517

■ 35.6243, 0.2187,
0.2817

■ 83.0666, 0.3466,
0.3557

■ 33.6469, 0.2126,
0.2745

■ 85.3720, 0.3459,
0.3596

■ 31.9185, 0.2083,
0.2673

■ 87.7305, 0.3451,
0.3635

Harmonies

Analogous

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



58.7218, 0.3071, 0.3302



58.7218, 0.3052, 0.3266



58.7218, 0.3053, 0.3237

Triad

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



58.7218, 0.3052, 0.3266



58.7218, 0.3150, 0.3247



58.7218, 0.3180, 0.3358

Complementary

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



58.7218, 0.3052, 0.3266



56.8293, 0.3206, 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.



58.7218, 0.3202, 0.3343



58.7218, 0.3052, 0.3266



58.7218, 0.3184, 0.3279

Square

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



58.7218, 0.3052, 0.3266



58.7218, 0.3110, 0.3226



58.7218, 0.3203, 0.3314



58.7218, 0.3144, 0.3355

Rectangle

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



58.7218, 0.3052, 0.3266



58.7218, 0.3066, 0.3226



58.7218, 0.3203, 0.3314



58.7218, 0.3189, 0.3355

Sweetspot

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



58.7243, 0.3052, 0.3266



99.1977, 0.3112, 0.3285



59.2840, 0.3109, 0.3389



21.2409, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

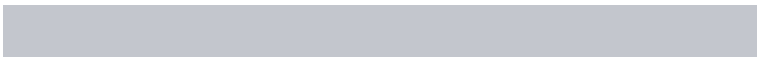
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.7243, 0.3052, 0.3266



95.2944, 0.3034, 0.3260



56.4590, 0.3053, 0.3207



12.6118, 0.3026, 0.3258



19.4966, 0.2069, 0.2647



1.1046, 0.2107, 0.2786

Inverse Universe

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



56.3063, 0.3147, 0.3195



90.4300, 0.3153, 0.3172



59.0770, 0.3202, 0.3371



11.9155, 0.3155, 0.3162



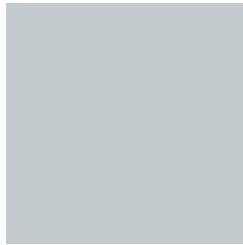
9.7712, 0.3779, 0.1855



0.5141, 0.3647, 0.1783

Previews

White Background



This preview shows how the Yxy color 58.7218, 0.3052, 0.3266 looks on a white background.

Color Contrast Check

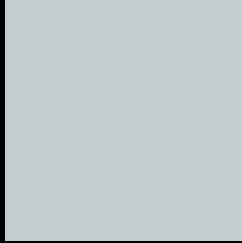
Large Text (above 18pt) WCAG AA × Fail

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 58.7218, 0.3052, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

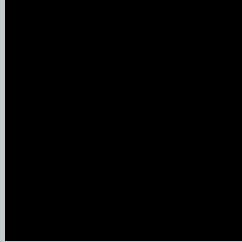
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

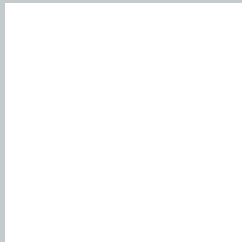
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7218, 0.3052, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 58.7218, 0.3052, 0.3266.

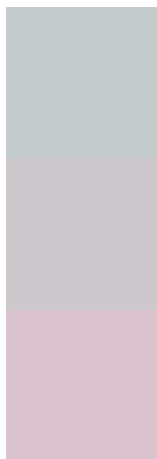


This preview shows how white text looks on a background with the Yxy color 58.7218, 0.3052, 0.3266.

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

58.7218, 0.3052, 0.3266

Protanopia

58.4577, 0.3137, 0.3255

Deuteranopia

58.4406, 0.3221, 0.3154



Tritanopia

58.6534, 0.2985, 0.3102

Trichromacy



Original Color

58.7218, 0.3052, 0.3266

Protanomaly

58.5504, 0.3106, 0.3254

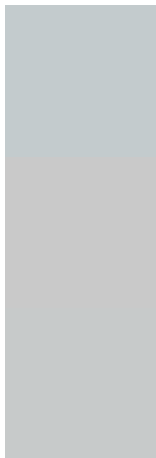
Deuteranomaly

58.5460, 0.3163, 0.3197

Tritanomaly

58.7809, 0.3005, 0.3160

Monochromacy



Original Color

58.7218, 0.3052, 0.3266

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6474, 0.3104, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7218, 0.3052, 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(195, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 205)  
}
```

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(195, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 205) }
```

Border

The CSS property to change the border of an element to Yxy 58.7218, 0.3052, 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(195, 203, 205) }
```

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

```
.border{ border-color:rgb(195, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7218, 0.3052, 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(195, 203, 205) }
```

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

```
.background{ background-color: rgb(195,  
203, 205) }
```

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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