

Converting Colors

Yxy(51.8536, 0.3087, 0.3290)

Have a look what the booklet for
Yxy(51.8536, 0.3087, 0.3290)
contains.

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Color

Yxy(52.0698, 0.3087, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	BBC0C0
RGB	187, 192, 192
RGB Percent	73%, 75%, 75%
CMY	0.2667, 0.2470, 0.2471
CMYK	0.03, 0.00, 0.00, 0.25
HSL	180°, 4%, 74%
HSV	180°, 3%, 75%
XYZ	48.8570, 52.0698, 57.3401
YIQ	190.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

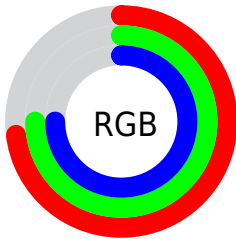
Format	Color
RYB	187, 190, 192
Decimal	12304576
CIELab	77.32, -1.72, -0.61
CIELCh	77, 1.828, 199.415
Yxy	52.0698, 0.3087, 0.3290
Android (android.graphics.Color)	4290494656 (0xFFBBC0C0)
YUV	190.5050, 0.7370, -3.0739
Hunter-Lab	72.1594, -5.4219, 3.3979

Details

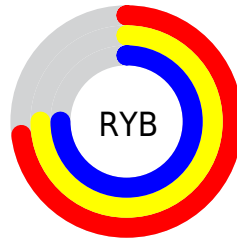
The Yxy color $52.0698, 0.3087, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.3370, 0.3169, 0.3290$, and the grayscale version is $51.7969, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.9668, 0.3095, 0.3290$, and $25.3977, 0.3073, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $49.8081, 0.2937, 0.3290$, and if you desaturate by 10%, it is $54.6597, 0.3243, 0.3290$.

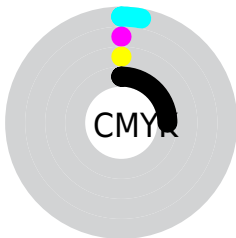
Distribution



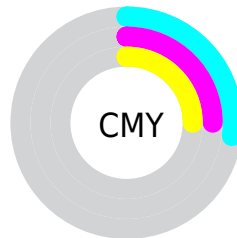
- Red (73%)
- Green (75%)
- Blue (75%)



- Red (73%)
- Yellow (75%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0698, 0.3087, 0.3290 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 52.0698, 0.3087, 0.3290 by changing the saturation by 10% instead.

■ 52.0698, 0.3087,
0.3290

■ 52.0698, 0.3087,
0.3290

394.7060, 0.3107,
0.3290

■ 37.0607, 0.3082,
0.3290

■ 93.2342, 0.3094,
0.3290

■ 25.2545, 0.3076,
0.3290

120.1582, 0.3097,
0.3290

■ 16.2668, 0.3068,
0.3290

151.8228, 0.3099,
0.3290

■ 9.7131, 0.3057,
0.3290

188.6122, 0.3101,
0.3290

■ 5.2092, 0.3041,
0.3289

230.9108, 0.3103,
0.3290

■ 2.3705, 0.3015,
0.3289

279.1030, 0.3104,

■ 0.8107, 0.2956,

0.3290

0.3290

333.5733, 0.3106,
0.3290

0.0000, 0.0000,
0.0000

52.0698, 0.3087,
0.3290

52.0698, 0.3087,
0.3290

49.8081, 0.2937,
0.3290

54.6597, 0.3243,
0.3290

47.8552, 0.2797,
0.3290

57.5833, 0.3402,
0.3290

46.1997, 0.2668,
0.3291

60.8541, 0.3563,
0.3290

44.8270, 0.2555,
0.3291

62.7748, 0.3649,
0.3290

43.7213, 0.2458,
0.3291

62.7767, 0.3648,
0.3289

■ 42.8653, 0.2380,
0.3292

■ 62.7787, 0.3648,
0.3289

■ 42.2394, 0.2321,
0.3293

■ 62.7807, 0.3648,
0.3288

■ 41.8213, 0.2281,
0.3293

■ 62.7826, 0.3647,
0.3288

■ 41.5844, 0.2258,
0.3294

■ 62.7846, 0.3647,
0.3288

Harmonies

Analogous

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



52.0698, 0.3105, 0.3311



52.0698, 0.3087, 0.3290



52.0698, 0.3079, 0.3269

Triad

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



52.0698, 0.3087, 0.3290



52.0698, 0.3125, 0.3254



52.0698, 0.3170, 0.3327

Complementary

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



52.0698, 0.3087, 0.3290



50.3370, 0.3169, 0.3290

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.



52.0698, 0.3175, 0.3311



52.0698, 0.3087, 0.3290



52.0698, 0.3149, 0.3269

Square

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



52.0698, 0.3087, 0.3290



52.0698, 0.3101, 0.3248



52.0698, 0.3168, 0.3290



52.0698, 0.3154, 0.3333

Rectangle

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



52.0698, 0.3087, 0.3290



52.0698, 0.3081, 0.3257



52.0698, 0.3168, 0.3290



52.0698, 0.3173, 0.3323

Sweetspot

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



52.0720, 0.3087, 0.3290



95.0517, 0.3111, 0.3290



51.8650, 0.3125, 0.3353



20.3967, 0.3112, 0.3290



97.7402, 0.3127, 0.3290



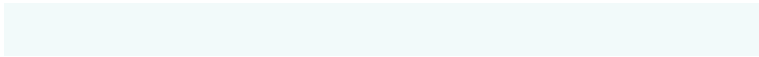
20.4902, 0.3127, 0.3290

Same Dimension

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



52.0720, 0.3087, 0.3290



94.1525, 0.3080, 0.3290



51.0192, 0.3088, 0.3260



11.7204, 0.3070, 0.3290



27.9155, 0.2248, 0.3294



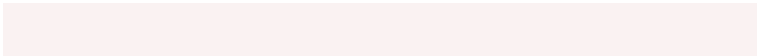
1.2063, 0.2248, 0.3293

Inverse Universe

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



50.3370, 0.3169, 0.3290



90.4860, 0.3176, 0.3290



51.3713, 0.3167, 0.3320



11.1597, 0.3188, 0.3290



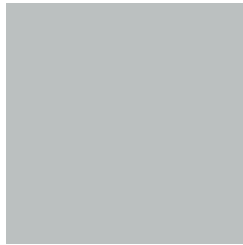
7.5416, 0.6398, 0.3298



0.3260, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 52.0698, 0.3087, 0.3290 looks on a white background.

Color Contrast Check

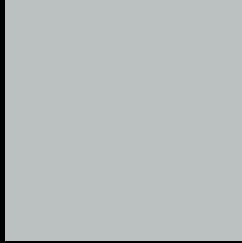
Large Text (above 18pt) WCAG AA × Fail

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 52.0698, 0.3087, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

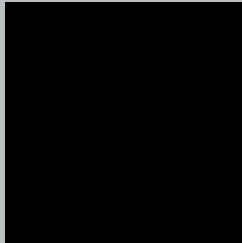
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

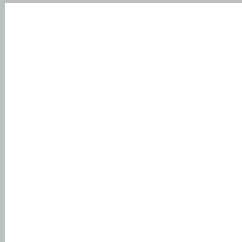
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0698, 0.3087, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 52.0698, 0.3087, 0.3290.

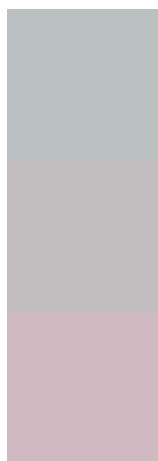


This preview shows how white text looks on a background with the Yxy color 52.0698, 0.3087, 0.3290.

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

52.0698, 0.3087, 0.3290

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

51.9581, 0.3258, 0.3195



Tritanopia

52.0535, 0.3008, 0.3105

Trichromacy



Original Color

52.0698, 0.3087, 0.3290

Protanomaly

52.0996, 0.3127, 0.3290

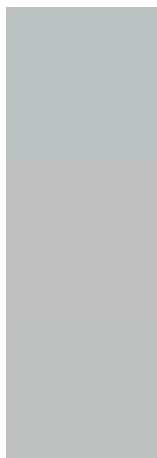
Deuteranomaly

52.0961, 0.3188, 0.3229

Tritanomaly

52.1231, 0.3036, 0.3178

Monochromacy



Original Color

52.0698, 0.3087, 0.3290

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9703, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0698, 0.3087, 0.3290 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(187, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 192)  
}
```

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(187, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.0698, 0.3087, 0.3290 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(187, 192, 192) }
```

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

```
.border{ border-color:rgb(187, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(187, 192,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0698, 0.3087, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 192, 192) }
```

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

```
.background{ background-color: rgb(187,  
192, 192) }
```

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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