

Converting Colors

$Yxy(58.4256, 0.3088, 0.3262)$

Have a look what the booklet for
Yxy(58.4256, 0.3088, 0.3262)
contains.

Yxy(58.2750, 0.3090, 0.3254)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.2750, 0.3090, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C7C9CC
RGB	199, 201, 204
RGB Percent	78%, 79%, 80%
CMY	0.2197, 0.2117, 0.1999
CMYK	0.02, 0.01, 0.00, 0.20
HSL	216°, 5%, 79%
HSV	216°, 2%, 80%
XYZ	55.3380, 58.2750, 65.4743
YIQ	200.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

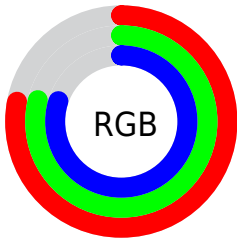
Format	Color
R _Y B	199, 200, 204
Decimal	13093324
CIE Lab	80.89, -0.13, -1.76
CIE LCh	81, 1.761, 265.852
Yxy	58.2750, 0.3090, 0.3254
Android (android.graphics.Color)	4291283404 (0xFFC7C9CC)
YUV	200.7440, 1.6052, -1.5295
Hunter-Lab	76.3381, -4.1958, 2.5843

Details

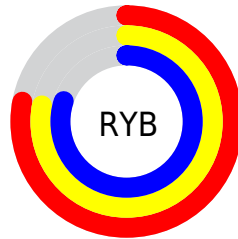
The Yxy color **58.2750, 0.3090, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2069, 0.3165, 0.3326**, and the grayscale version is **58.2336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.0892, 0.3078, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **50.1993, 0.2934, 0.3097**, and if you desaturate by 10%, it is **67.1830, 0.3237, 0.3393**.

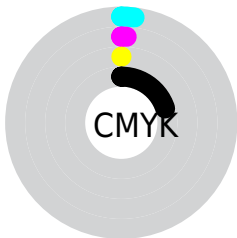
Distribution



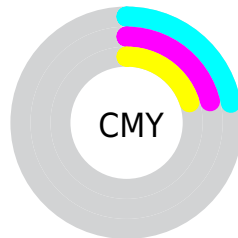
- Red (78%)
- Green (79%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2750, 0.3090, 0.3254 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 58.2750, 0.3090, 0.3254 by changing the saturation by 10% instead.

■ 58.2750, 0.3090,
0.3254

■ 58.2750, 0.3090,
0.3254

418.2099, 0.3108,
0.3271

■ 42.0298, 0.3086,
0.3250

102.3232, 0.3096,
0.3260

■ 29.1246, 0.3080,
0.3245

130.8950, 0.3099,
0.3263

■ 19.1751, 0.3073,
0.3238

164.3444, 0.3101,
0.3265

■ 11.7969, 0.3064,
0.3229

203.0559, 0.3103,
0.3266

■ 6.6055, 0.3050,
0.3215

247.4137, 0.3104,
0.3268

■ 3.2166, 0.3030,
0.3195

297.8024, 0.3106,

■ 1.2459, 0.2993,

0.3269

0.3160

354.6063, 0.3107,
0.3270

0.0987, 0.2161,
0.2352

0.0000, 0.0000,
0.0000

58.2750, 0.3090,
0.3254

58.2750, 0.3090,
0.3254

50.1993, 0.2934,
0.3097

67.1830, 0.3237,
0.3393

42.9231, 0.2769,
0.2922

76.9400, 0.3373,
0.3516

36.4223, 0.2599,
0.2729

86.5733, 0.3461,
0.3627

30.6688, 0.2427,
0.2520

93.9177, 0.3439,
0.3743

■ 25.6323, 0.2258,
0.2297

■ 97.1409, 0.3430,
0.3790

■ 21.2804, 0.2098,
0.2066

■ 17.5775, 0.1954,
0.1834

■ 14.4842, 0.1832,
0.1608

■ 11.9550, 0.1737,
0.1399

Harmonies

Analogous

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



58.2750, 0.3083, 0.3267



58.2750, 0.3090, 0.3254



58.2750, 0.3107, 0.3251

Triad

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



58.2750, 0.3090, 0.3254



58.2750, 0.3167, 0.3295



58.2750, 0.3125, 0.3322

Complementary

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



58.2750, 0.3090, 0.3254



59.2069, 0.3165, 0.3326

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.



58.2750, 0.3147, 0.3330



58.2750, 0.3090, 0.3254



58.2750, 0.3172, 0.3314

Square

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



58.2750, 0.3090, 0.3254



58.2750, 0.3152, 0.3275



58.2750, 0.3165, 0.3326



58.2750, 0.3103, 0.3306

Rectangle

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



58.2750, 0.3090, 0.3254



58.2750, 0.3122, 0.3255



58.2750, 0.3165, 0.3326



58.2750, 0.3132, 0.3326

Sweetspot

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



58.2775, 0.3090, 0.3254



98.5491, 0.3112, 0.3275



59.5992, 0.3104, 0.3315



21.1089, 0.3113, 0.3276



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.



58.2775, 0.3090, 0.3254



95.6896, 0.3081, 0.3246



57.3981, 0.3094, 0.3230



12.5811, 0.3070, 0.3235



6.6979, 0.1689, 0.1280



0.4930, 0.1798, 0.1674

Inverse Universe

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



57.8982, 0.3152, 0.3266



94.9242, 0.3158, 0.3261



60.1031, 0.3160, 0.3349



12.4567, 0.3165, 0.3254



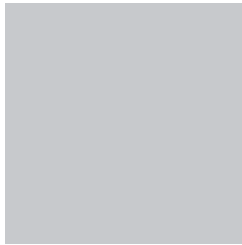
8.4791, 0.5354, 0.2723



0.4523, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 58.2750, 0.3090, 0.3254 looks on a white background.

Color Contrast Check

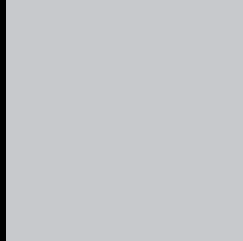
Large Text (above 18pt) WCAG AA × Fail

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 58.2750, 0.3090, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

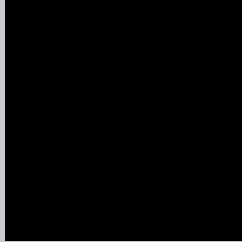
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

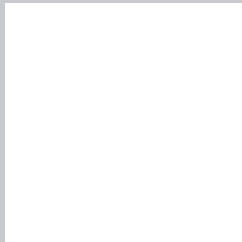
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2750, 0.3090, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 58.2750, 0.3090, 0.3254.

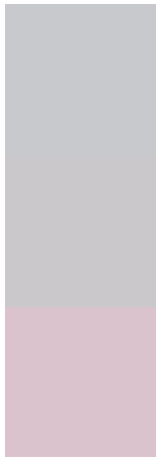


This preview shows how white text looks on a background with the Yxy color 58.2750, 0.3090, 0.3254.

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

58.2750, 0.3090, 0.3254

Protanopia

58.3169, 0.3129, 0.3255

Deuteranopia

58.3434, 0.3237, 0.3176



Tritanopia

58.1707, 0.3029, 0.3103

Trichromacy



Original Color

58.2750, 0.3090, 0.3254

Protanomaly

58.1769, 0.3121, 0.3255

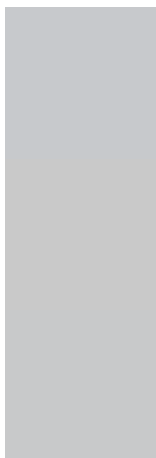
Deuteranomaly

58.1892, 0.3179, 0.3198

Tritanomaly

58.2911, 0.3049, 0.3160

Monochromacy



Original Color

58.2750, 0.3090, 0.3254

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3169, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2750, 0.3090, 0.3254 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(199, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 204)  
}
```

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(199, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.2750, 0.3090, 0.3254 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(199, 201, 204) }
```

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

```
.border{ border-color:rgb(199, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2750, 0.3090, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 204) }
```

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

```
.background{ background-color: rgb(199,  
201, 204) }
```

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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