

Converting Colors

$Yxy(60.6508, 0.3053, 0.3348)$

Have a look what the booklet for
Yxy(60.6508, 0.3053, 0.3348)
contains.

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Color

Yxy(60.7610, 0.3050, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	C1D0CB
RGB	193, 208, 203
RGB Percent	76%, 82%, 80%
CMY	0.2432, 0.1843, 0.2040
CMYK	0.07, 0.00, 0.02, 0.18
HSL	160°, 14%, 79%
HSV	160°, 7%, 82%
XYZ	55.3197, 60.7610, 65.2954
YIQ	202.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

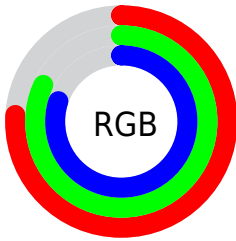
Format	Color
R _Y B	193, 202, 208
Decimal	12701899
CIE Lab	82.25, -6.03, 0.74
CIE LCh	82, 6.075, 173.005
Yxy	60.7610, 0.3050, 0.3350
Android (android.graphics.Color)	4290891979 (0xFFC1D0CB)
YUV	202.9450, 0.0271, -8.7218
Hunter-Lab	77.9493, -9.7320, 4.8994

Details

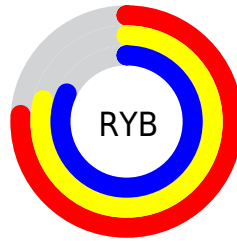
The Yxy color **60.7610, 0.3050, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6179, 0.3211, 0.3231**, and the grayscale version is **59.6858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **30.7701, 0.3026, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **57.8949, 0.2946, 0.3441**, and if you desaturate by 10%, it is **64.0317, 0.3157, 0.3268**.

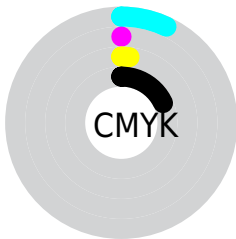
Distribution



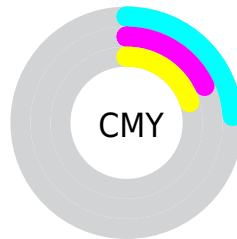
- Red (76%)
- Green (82%)
- Blue (80%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (24%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7610, 0.3050, 0.3350 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 60.7610, 0.3050, 0.3350 by changing the saturation by 10% instead.


 60.7610, 0.3050,
0.3350

 60.7610, 0.3050,
0.3350

427.3971, 0.3087,
0.3321

 44.0323, 0.3041,
0.3357


 105.9328, 0.3063,
0.3340

 30.6959, 0.3030,
0.3365


135.1447, 0.3068,
0.3336

 20.3674, 0.3016,
0.3377


169.2865, 0.3072,
0.3333

 12.6624, 0.2997,
0.3391

208.7425, 0.3076,
0.3330

 7.1965, 0.2970,
0.3413

253.8972, 0.3079,
0.3327

 3.5853, 0.2928,
0.3445

305.1349, 0.3082,

 1.4444, 0.2858,

0.3325

0.3501

362.8401, 0.3085,
0.3323

0.2491, 0.1605,
0.4463

0.0000, 0.0000,
0.0000

60.7610, 0.3050,
0.3350

60.7610, 0.3050,
0.3350

57.8949, 0.2946,
0.3441

64.0317, 0.3157,
0.3268

55.4094, 0.2849,
0.3541

67.7145, 0.3265,
0.3195


53.2900, 0.2760,
0.3649


71.7547, 0.3370,
0.3130


51.5179, 0.2683,
0.3765


72.1405, 0.3319,
0.3061

 50.0729, 0.2620,
0.3887


 72.5420, 0.3269,
0.2993


 48.9325, 0.2576,
0.4014


 72.9593, 0.3219,
0.2927

 48.0712, 0.2551,
0.4143

 73.3927, 0.3171,
0.2861

 47.4593, 0.2546,
0.4272

 73.5991, 0.3149,
0.2831

 47.0568, 0.2560,
0.4399

Harmonies

Analogous

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



60.7610, 0.3125, 0.3404



60.7610, 0.3050, 0.3350



60.7610, 0.2996, 0.3280

Triad

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



60.7610, 0.3050, 0.3350



60.7610, 0.3052, 0.3158



60.7610, 0.3280, 0.3363

Complementary

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



60.7610, 0.3050, 0.3350



55.6179, 0.3211, 0.3231

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.



60.7610, 0.3260, 0.3298



60.7610, 0.3050, 0.3350



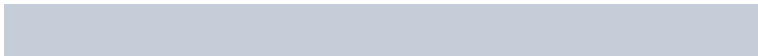
60.7610, 0.3128, 0.3180

Square

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



60.7610, 0.3050, 0.3350



60.7610, 0.2997, 0.3170



60.7610, 0.3204, 0.3231



60.7610, 0.3259, 0.3411

Rectangle

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



60.7610, 0.3050, 0.3350



60.7610, 0.2979, 0.3235



60.7610, 0.3204, 0.3231



60.7610, 0.3278, 0.3343

Sweetspot

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



60.7636, 0.3050, 0.3350



98.9359, 0.3105, 0.3306



61.0062, 0.3158, 0.3470



21.1875, 0.3107, 0.3306



0.0000, 0.0000, 0.0000



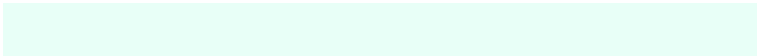
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7636, 0.3050, 0.3350



95.4187, 0.3030, 0.3366



59.9153, 0.3016, 0.3263



13.3369, 0.3027, 0.3369



29.2838, 0.2560, 0.4416



1.6518, 0.2495, 0.4183

Inverse Universe

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



55.6179, 0.3211, 0.3231



85.2772, 0.3235, 0.3215



56.3942, 0.3247, 0.3317



11.8727, 0.3239, 0.3212



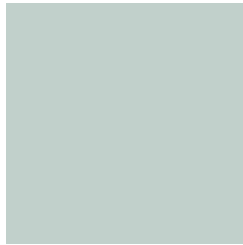
8.6472, 0.5617, 0.2868



0.4981, 0.5096, 0.2581

Previews

White Background



This preview shows how the Yxy color 60.7610, 0.3050, 0.3350 looks on a white background.

Color Contrast Check

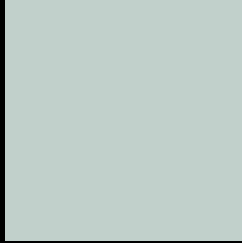
Large Text (above 18pt) WCAG AA × Fail

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 60.7610, 0.3050, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

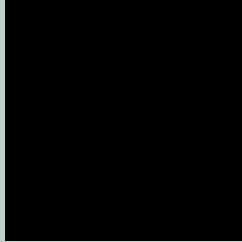
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

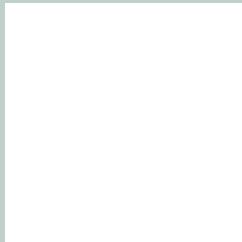
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7610, 0.3050, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 60.7610, 0.3050, 0.3350.



This preview shows how white text looks on a background with the Yxy color 60.7610, 0.3050, 0.3350.

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

60.7610, 0.3050, 0.3350

Protanopia

60.4373, 0.3195, 0.3325

Deuteranopia

60.6432, 0.3282, 0.3212



Tritanopia

60.6189, 0.2951, 0.3103

Trichromacy



Original Color

60.7610, 0.3050, 0.3350

Protanomaly

60.5762, 0.3140, 0.3337

Deuteranomaly

60.7468, 0.3198, 0.3267

Tritanomaly

60.5998, 0.2991, 0.3196

Monochromacy



Original Color

60.7610, 0.3050, 0.3350

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1166, 0.3096, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7610, 0.3050, 0.3350 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(193, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 203)  
}
```

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(193, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.7610, 0.3050, 0.3350 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(193, 208, 203) }
```

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

```
.border{ border-color:rgb(193, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7610, 0.3050, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 203) }
```

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

```
.background{ background-color: rgb(193,  
208, 203) }
```

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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