

Converting Colors

$Yxy(61.0651, 0.2989, 0.3269)$

Have a look what the booklet for
Yxy(61.0651, 0.2989, 0.3269)
contains.

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Color

Yxy(60.8413, 0.2988, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	BFD0D2
RGB	191, 208, 210
RGB Percent	75%, 82%, 82%
CMY	0.2512, 0.1842, 0.1765
CMYK	0.09, 0.01, 0.00, 0.18
HSL	186°, 17%, 79%
HSV	186°, 9%, 82%
XYZ	55.6625, 60.8413, 69.7831
YIQ	203.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

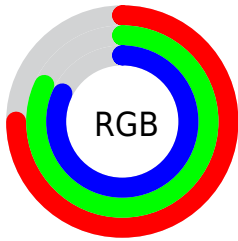
Format	Color
R_{YB}	191, 200, 210
Decimal	12570834
CIE Lab	82.29, -5.36, -2.96
CIE LCh	82, 6.121, 208.964
Yxy	60.8413, 0.2988, 0.3266
Android (android.graphics.Color)	4290760914 (0xFFBFD0D2)
YUV	203.1450, 3.3795, -10.6512
Hunter-Lab	78.0008, -9.1213, 1.5571

Details

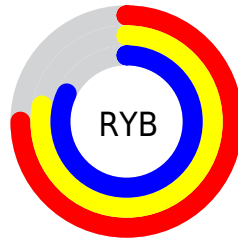
The Yxy color **60.8413, 0.2988, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5639, 0.3282, 0.3314**, and the grayscale version is **59.7956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **30.8299, 0.2945, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **57.2582, 0.2840, 0.3237**, and if you desaturate by 10%, it is **64.8345, 0.3141, 0.3292**.

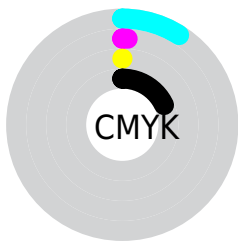
Distribution



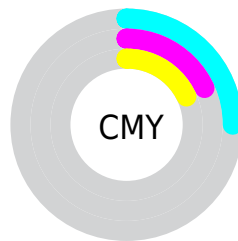
- Red (75%)
- Green (82%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8413, 0.2988, 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 60.8413, 0.2988, 0.3266 by changing the saturation by 10% instead.

 60.8413, 0.2988,
0.3266

 60.8413, 0.2988,
0.3266


427.6919, 0.3054,
0.3278

 44.0971, 0.2972,
0.3263

 106.0491, 0.3011,
0.3270

 30.7469, 0.2953,
0.3259


135.2815, 0.3020,
0.3272

 20.4062, 0.2928,
0.3254


169.4455, 0.3028,
0.3273

 12.6906, 0.2894,
0.3248

208.9253, 0.3035,
0.3274

 7.2159, 0.2846,
0.3238

254.1055, 0.3041,
0.3276

 3.5975, 0.2774,
0.3223

305.3704, 0.3046,

 1.4510, 0.2654,

0.3276

363.1044, 0.3050,
0.3277

0.3195

0.2539, 0.1304,
0.2993

0.0000, 0.0000,
0.0000

60.8413, 0.2988,
0.3266

60.8413, 0.2988,
0.3266

57.2582, 0.2840,
0.3237

64.8345, 0.3141,
0.3292

54.0609, 0.2700,
0.3206

69.2456, 0.3298,
0.3316

51.2342, 0.2572,
0.3174

74.0921, 0.3454,
0.3337

48.7589, 0.2458,
0.3139

75.4084, 0.3458,
0.3359

46.6139, 0.2361,
0.3104

76.5386, 0.3454,
0.3381

44.7759, 0.2282,
0.3068

77.6837, 0.3450,
0.3403

43.2184, 0.2223,
0.3032

78.8438, 0.3447,
0.3425

41.9101, 0.2182,
0.2996

80.0189, 0.3443,
0.3447

40.7996, 0.2157,
0.2961

81.2090, 0.3439,
0.3468

Harmonies

Analogous

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



60.8413, 0.3036, 0.3337



60.8413, 0.2988, 0.3266



60.8413, 0.2976, 0.3203

Triad

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



60.8413, 0.2988, 0.3266



60.8413, 0.3144, 0.3188



60.8413, 0.3251, 0.3417

Complementary

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



60.8413, 0.2988, 0.3266



55.5639, 0.3282, 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.



60.8413, 0.3280, 0.3375



60.8413, 0.2988, 0.3266



60.8413, 0.3218, 0.3243

Square

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



60.8413, 0.2988, 0.3266



60.8413, 0.3066, 0.3159



60.8413, 0.3268, 0.3312



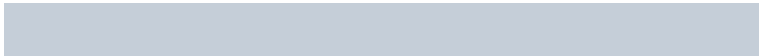
60.8413, 0.3188, 0.3425

Rectangle

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



60.8413, 0.2988, 0.3266



60.8413, 0.2991, 0.3173



60.8413, 0.3268, 0.3312



60.8413, 0.3265, 0.3407

Sweetspot

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



60.8439, 0.2988, 0.3266



98.0719, 0.3080, 0.3282



61.0057, 0.3103, 0.3498



20.8833, 0.3068, 0.3280



0.0000, 0.0000, 0.0000



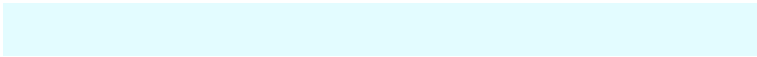
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8439, 0.2988, 0.3266



93.2180, 0.2957, 0.3260



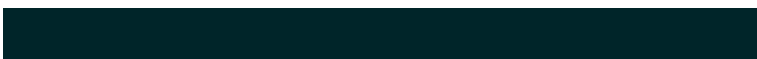
56.3674, 0.2988, 0.3152



13.1885, 0.2983, 0.3265



24.9136, 0.2156, 0.2963



1.4548, 0.2174, 0.3028

Inverse Universe

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



55.4911, 0.3152, 0.3092



83.2046, 0.3159, 0.3046



59.8785, 0.3270, 0.3424



11.9870, 0.3153, 0.3084



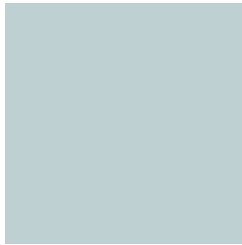
10.5863, 0.3487, 0.1695



0.5982, 0.3430, 0.1663

Previews

White Background



This preview shows how the Yxy color 60.8413, 0.2988, 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 60.8413, 0.2988, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

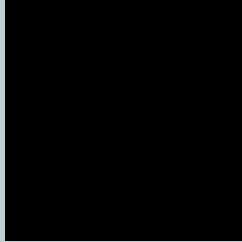
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

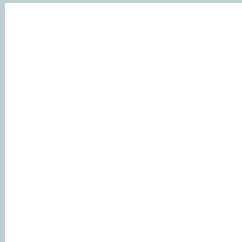
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8413, 0.2988, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 60.8413, 0.2988, 0.3266.

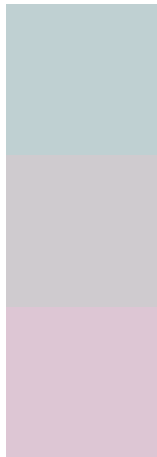


This preview shows how white text looks on a background with the Yxy color 60.8413, 0.2988, 0.3266.

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

60.8413, 0.2988, 0.3266

Protanopia

60.4823, 0.3129, 0.3244

Deuteranopia

60.5138, 0.3205, 0.3134



Tritanopia

60.7540, 0.2924, 0.3103

Trichromacy



Original Color

60.8413, 0.2988, 0.3266

Protanomaly

60.6342, 0.3076, 0.3255

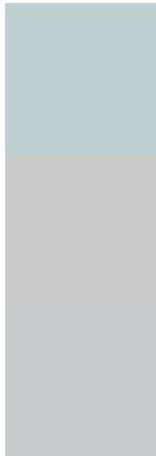
Deuteranomaly

60.6458, 0.3124, 0.3187

Tritanomaly

60.8941, 0.2943, 0.3160

Monochromacy



Original Color

60.8413, 0.2988, 0.3266

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2610, 0.3075, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8413, 0.2988, 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(191, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(191, 208, 210)  
}
```

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(191, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.8413, 0.2988, 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(191, 208, 210) }
```

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

```
.border{ border-color:rgb(191, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 208, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 208, 210); box-shadow:4px 4px 4px 4px rgb(191, 208, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8413, 0.2988, 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(191, 208, 210) }
```

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

```
.background{ background-color: rgb(191,  
208, 210) }
```

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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