

Converting Colors

$Yxy(60.8588, 0.3075, 0.3267)$

Have a look what the booklet for
Yxy(60.8588, 0.3075, 0.3267)
contains.

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Color

Yxy(61.1142, 0.3076, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C9CED0
RGB	201, 206, 208
RGB Percent	79%, 81%, 82%
CMY	0.2115, 0.1922, 0.1842
CMYK	0.03, 0.01, 0.00, 0.18
HSL	198°, 7%, 80%
HSV	198°, 3%, 82%
XYZ	57.5589, 61.1142, 68.4494
YIQ	204.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

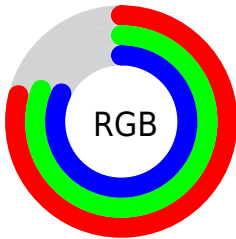
Format	Color
R _Y B	201, 204, 208
Decimal	13225680
CIE Lab	82.44, -1.29, -1.61
CIE LCh	82, 2.060, 231.212
Yxy	61.1142, 0.3076, 0.3266
Android (android.graphics.Color)	4291415760 (0xFFC9CED0)
YUV	204.7330, 1.6106, -3.2738
Hunter-Lab	78.1756, -5.3818, 2.8094

Details

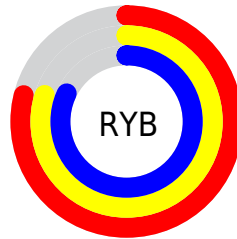
The Yxy color **61.1142, 0.3076, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3940, 0.3180, 0.3314**, and the grayscale version is **60.8711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9926, 0.3059, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **55.5484, 0.2922, 0.3189**, and if you desaturate by 10%, it is **67.1894, 0.3228, 0.3335**.

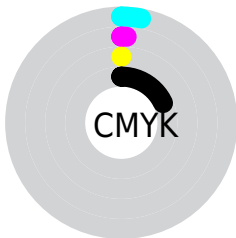
Distribution



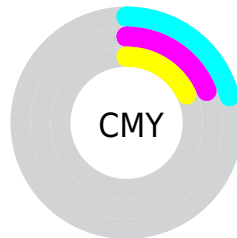
- Red (79%)
- Green (81%)
- Blue (82%)



- Red (79%)
- Yellow (80%)
- Blue (82%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1142, 0.3076, 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 61.1142, 0.3076, 0.3266 by changing the saturation by 10% instead.

■ 61.1142, 0.3076,
0.3266

■ 61.1142, 0.3076,
0.3266

428.6926, 0.3100,
0.3278

■ 44.3173, 0.3070,
0.3263

106.4443, 0.3085,
0.3270

■ 30.9201, 0.3063,
0.3260

135.7463, 0.3088,
0.3272

■ 20.5380, 0.3054,
0.3255

169.9854, 0.3091,
0.3273

■ 12.7867, 0.3041,
0.3249

209.5462, 0.3093,
0.3274

■ 7.2818, 0.3023,
0.3241

254.8129, 0.3095,
0.3275

■ 3.6390, 0.2997,
0.3228

306.1699, 0.3097,

■ 1.4737, 0.2951,

0.3276

364.0017, 0.3099,
0.3277

0.3205

0.2701, 0.2498,
0.2996

0.0000, 0.0000,
0.0000

61.1142, 0.3076,
0.3266

61.1142, 0.3076,
0.3266

55.5484, 0.2922,
0.3189

67.1894, 0.3228,
0.3335

50.4673, 0.2770,
0.3105

73.7821, 0.3377,
0.3397

45.8557, 0.2622,
0.3013

79.2675, 0.3459,
0.3455

41.6943, 0.2481,
0.2915

82.6066, 0.3448,
0.3515

■ 37.9624, 0.2351,
0.2811

■ 86.0643, 0.3437,
0.3575

■ 34.6372, 0.2236,
0.2703

■ 89.6417, 0.3427,
0.3633

■ 31.6935, 0.2138,
0.2592

■ 93.3401, 0.3416,
0.3691

■ 29.1021, 0.2060,
0.2481

■ 97.1606, 0.3406,
0.3748

■ 26.8284, 0.2002,
0.2371

■ 97.3351, 0.3406,
0.3750

Harmonies

Analogous

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



61.1142, 0.3083, 0.3289



61.1142, 0.3076, 0.3266



61.1142, 0.3082, 0.3250

Triad

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



61.1142, 0.3076, 0.3266



61.1142, 0.3152, 0.3269



61.1142, 0.3154, 0.3336

Complementary

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



61.1142, 0.3076, 0.3266



60.3940, 0.3180, 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.



61.1142, 0.3172, 0.3330



61.1142, 0.3076, 0.3266



61.1142, 0.3171, 0.3292

Square

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



61.1142, 0.3076, 0.3266



61.1142, 0.3126, 0.3252



61.1142, 0.3179, 0.3314



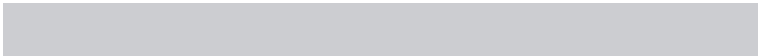
61.1142, 0.3128, 0.3329

Rectangle

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



61.1142, 0.3076, 0.3266



61.1142, 0.3093, 0.3245



61.1142, 0.3179, 0.3314



61.1142, 0.3161, 0.3335

Sweetspot

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



61.1168, 0.3076, 0.3266



99.0440, 0.3112, 0.3283



61.8622, 0.3110, 0.3348



21.2096, 0.3112, 0.3283



0.0000, 0.0000, 0.0000



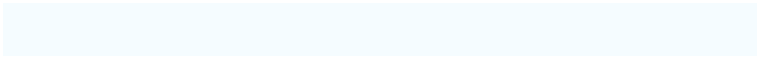
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1168, 0.3076, 0.3266



96.2252, 0.3065, 0.3261



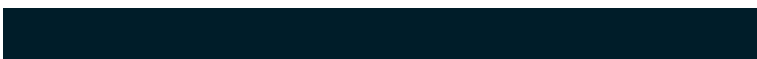
59.4927, 0.3077, 0.3226



13.3858, 0.3055, 0.3256



16.0334, 0.1976, 0.2314



1.0301, 0.2032, 0.2514

Inverse Universe

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



59.6730, 0.3146, 0.3233



93.4729, 0.3150, 0.3221



62.0236, 0.3177, 0.3353



12.9406, 0.3153, 0.3210



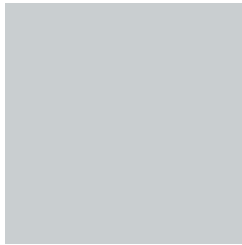
9.6899, 0.4112, 0.2039



0.5553, 0.3908, 0.1927

Previews

White Background



This preview shows how the Yxy color 61.1142, 0.3076, 0.3266 looks on a white background.

Color Contrast Check

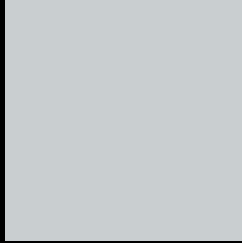
Large Text (above 18pt) WCAG AA × Fail

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 61.1142, 0.3076, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

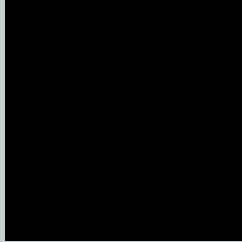
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

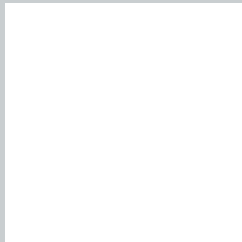
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1142, 0.3076, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 61.1142, 0.3076, 0.3266.

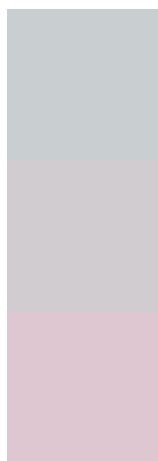


This preview shows how white text looks on a background with the Yxy color 61.1142, 0.3076, 0.3266.

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

61.1142, 0.3076, 0.3266

Protanopia

61.1006, 0.3136, 0.3255

Deuteranopia

61.1383, 0.3242, 0.3179



Tritanopia

61.0495, 0.3009, 0.3106

Trichromacy



Original Color

61.1142, 0.3076, 0.3266

Protanomaly

61.1468, 0.3113, 0.3267

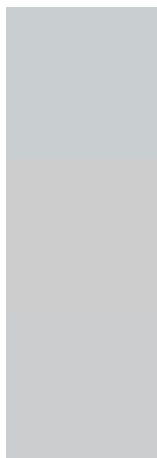
Deuteranomaly

61.2916, 0.3177, 0.3211

Tritanomaly

61.1771, 0.3028, 0.3162

Monochromacy



Original Color

61.1142, 0.3076, 0.3266

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9562, 0.3113, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1142, 0.3076, 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(201, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 208)  
}
```

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(201, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 208) }
```

Border

The CSS property to change the border of an element to Yxy 61.1142, 0.3076, 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(201, 206, 208) }
```

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

```
.border{ border-color:rgb(201, 206, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1142, 0.3076, 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(201, 206, 208) }
```

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

```
.background{ background-color: rgb(201,  
206, 208) }
```

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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