

Converting Colors

$Yxy(60.3529, 0.3032, 0.3221)$

Have a look what the booklet for
Yxy(60.3529, 0.3032, 0.3221)
contains.

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Color

Yxy(60.3716, 0.3033, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C6CDD3
RGB	198, 205, 211
RGB Percent	78%, 80%, 83%
CMY	0.2234, 0.1961, 0.1725
CMYK	0.06, 0.03, 0.00, 0.17
HSL	208°, 13%, 80%
HSV	208°, 6%, 83%
XYZ	56.8832, 60.3716, 70.2929
YIQ	203.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

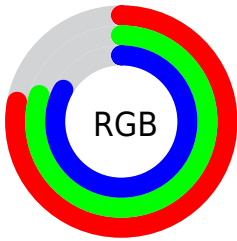
Format	Color
R _Y B	198, 203, 211
Decimal	13028819
CIE Lab	82.04, -1.23, -3.82
CIE LCh	82, 4.012, 252.201
Yxy	60.3716, 0.3033, 0.3219
Android (android.graphics.Color)	4291218899 (0xFFC6CDD3)
YUV	203.5910, 3.6526, -4.9033
Hunter-Lab	77.6992, -5.2945, 0.7509

Details

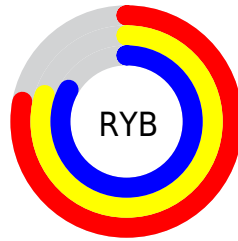
The Yxy color **60.3716, 0.3033, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1342, 0.3224, 0.3360**, and the grayscale version is **60.0952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4968, 0.3003, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **53.1726, 0.2876, 0.3093**, and if you desaturate by 10%, it is **68.2673, 0.3185, 0.3332**.

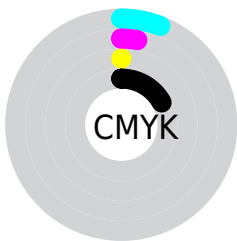
Distribution



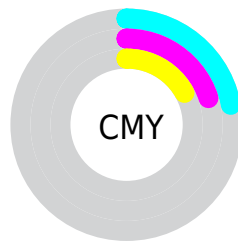
- Red (78%)
- Green (80%)
- Blue (83%)



- Red (78%)
- Yellow (80%)
- Blue (83%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3716, 0.3033, 0.3219 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 60.3716, 0.3033, 0.3219 by changing the saturation by 10% instead.

■ 60.3716, 0.3033,
0.3219

■ 60.3716, 0.3033,
0.3219

425.9661, 0.3078,
0.3253

■ 43.7182, 0.3022,
0.3211

105.3685, 0.3049,
0.3231

■ 30.4490, 0.3009,
0.3201

134.4809, 0.3055,
0.3236

■ 20.1797, 0.2992,
0.3187

168.5150, 0.3060,
0.3240

■ 12.5257, 0.2969,
0.3170

207.8553, 0.3065,
0.3243

■ 7.1028, 0.2936,
0.3144

252.8862, 0.3069,
0.3246

■ 3.5265, 0.2886,
0.3106

303.9920, 0.3072,

■ 1.4124, 0.2802,

0.3249

361.5572, 0.3075,
0.3251

0.3040

0.2258, 0.2000,
0.2445

0.0000, 0.0000,
0.0000

60.3716, 0.3033,
0.3219

60.3716, 0.3033,
0.3219

53.1726, 0.2876,
0.3093

68.2673, 0.3185,
0.3332

46.6409, 0.2716,
0.2954

76.8727, 0.3329,
0.3432

40.7561, 0.2555,
0.2802

84.9903, 0.3421,
0.3524

35.4936, 0.2398,
0.2638

90.7196, 0.3405,
0.3618

■ 30.8271, 0.2250,
0.2465

■ 96.7608, 0.3389,
0.3710

■ 26.7278, 0.2114,
0.2285

■ 97.4840, 0.3388,
0.3720

■ 23.1638, 0.1996,
0.2104

■ 20.0987, 0.1900,
0.1925

■ 17.4882, 0.1827,
0.1753

Harmonies

Analogous

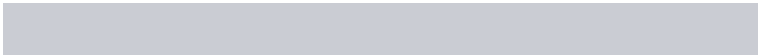
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.3716, 0.3029, 0.3255



60.3716, 0.3033, 0.3219



60.3716, 0.3062, 0.3202

Triad

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



60.3716, 0.3033, 0.3219



60.3716, 0.3204, 0.3279



60.3716, 0.3145, 0.3373

Complementary

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



60.3716, 0.3033, 0.3219



61.1342, 0.3224, 0.3360

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.



60.3716, 0.3192, 0.3379



60.3716, 0.3033, 0.3219



60.3716, 0.3227, 0.3324

Square

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



60.3716, 0.3033, 0.3219



60.3716, 0.3161, 0.3237



60.3716, 0.3222, 0.3361



60.3716, 0.3093, 0.3344

Rectangle

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



60.3716, 0.3033, 0.3219



60.3716, 0.3092, 0.3204



60.3716, 0.3222, 0.3361



60.3716, 0.3162, 0.3378

Sweetspot

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



60.3742, 0.3033, 0.3219



97.5477, 0.3097, 0.3267



62.9588, 0.3080, 0.3374



20.9050, 0.3098, 0.3268



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.



60.3742, 0.3033, 0.3219



91.6086, 0.3019, 0.3208



57.4080, 0.3034, 0.3144



12.7522, 0.3012, 0.3203



10.2104, 0.1809, 0.1714



0.7288, 0.1897, 0.2027

Inverse Universe

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



58.6567, 0.3178, 0.3209



88.6142, 0.3186, 0.3197



64.2041, 0.3218, 0.3432



12.3091, 0.3190, 0.3191



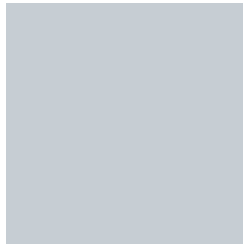
9.1020, 0.4790, 0.2412



0.5249, 0.4422, 0.2210

Previews

White Background



This preview shows how the Yxy color 60.3716, 0.3033, 0.3219 looks on a white background.

Color Contrast Check

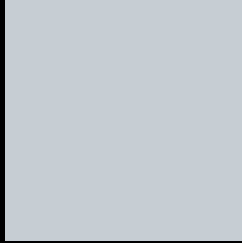
Large Text (above 18pt) WCAG AA × Fail

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 60.3716, 0.3033, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

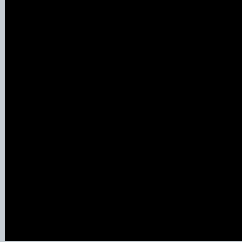
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

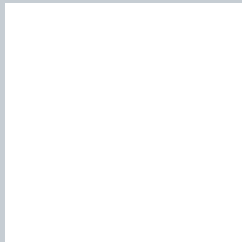
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3716, 0.3033, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 60.3716, 0.3033, 0.3219.

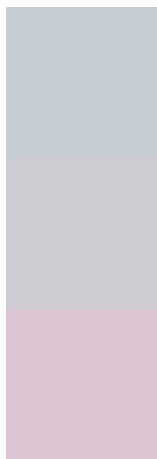


This preview shows how white text looks on a background with the Yxy color 60.3716, 0.3033, 0.3219.

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

60.3716, 0.3033, 0.3219

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

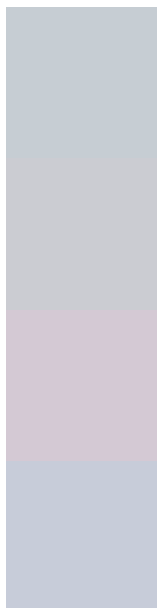
60.3573, 0.3197, 0.3133



Tritanopia

60.4952, 0.2979, 0.3104

Trichromacy



Original Color

60.3716, 0.3033, 0.3219

Protanomaly

60.5354, 0.3077, 0.3220

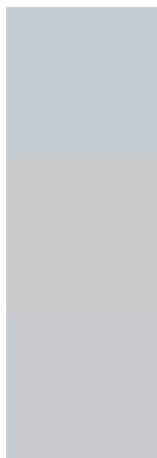
Deuteranomaly

60.5238, 0.3133, 0.3165

Tritanomaly

60.3376, 0.3000, 0.3138

Monochromacy



Original Color

60.3716, 0.3033, 0.3219

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2473, 0.3091, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3716, 0.3033, 0.3219 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(198, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 211)  
}
```

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(198, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.3716, 0.3033, 0.3219 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(198, 205, 211) }
```

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

```
.border{ border-color:rgb(198, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3716, 0.3033, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 211) }
```

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

```
.background{ background-color: rgb(198,  
205, 211) }
```

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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