

Converting Colors

Yxy(59.9518, 0.3022, 0.3209)

Have a look what the booklet for
Yxy(59.9518, 0.3022, 0.3209)
contains.

Yxy(59.7592, 0.3026, 0.3207)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7592, 0.3026, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C5CCD3
RGB	197, 204, 211
RGB Percent	77%, 80%, 83%
CMY	0.2273, 0.2000, 0.1725
CMYK	0.07, 0.03, 0.00, 0.17
HSL	210°, 14%, 80%
HSV	210°, 7%, 83%
XYZ	56.3864, 59.7592, 70.1942
YIQ	202.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

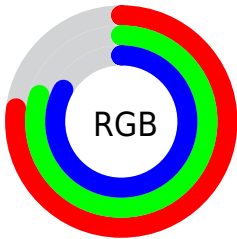
Format	Color
RYB	197, 202, 211
Decimal	12963027
CIELab	81.71, -1.02, -4.31
CIELCh	82, 4.433, 256.657
Yxy	59.7592, 0.3026, 0.3207
Android (android.graphics.Color)	4291153107 (0xFFC5CCD3)
YUV	202.7050, 4.0894, -5.0033
Hunter-Lab	77.3041, -5.0823, 0.2759

Details

The Yxy color **59.7592, 0.3026, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1000, 0.3231, 0.3372**, and the grayscale version is **59.5090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.0867, 0.2993, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **52.2376, 0.2868, 0.3069**, and if you desaturate by 10%, it is **68.0280, 0.3178, 0.3330**.

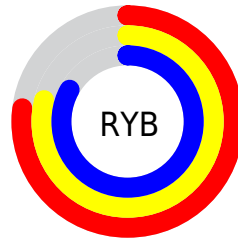
Distribution



Red (77%)

Green (80%)

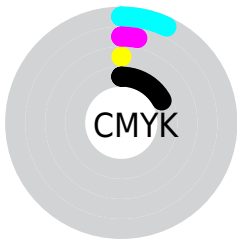
Blue (83%)



Red (77%)

Yellow (79%)

Blue (83%)

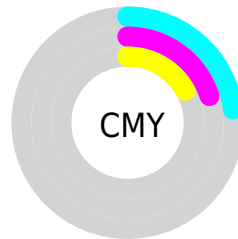


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (20%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7592, 0.3026, 0.3207 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 59.7592, 0.3026, 0.3207 by changing the saturation by 10% instead.

■ 59.7592, 0.3026,
0.3207

■ 59.7592, 0.3026,
0.3207

423.7096, 0.3074,
0.3247

■ 43.2246, 0.3015,
0.3197

104.4803, 0.3043,
0.3221

■ 30.0614, 0.3000,
0.3186

133.4355, 0.3050,
0.3227

■ 19.8852, 0.2981,
0.3170

167.2998, 0.3055,
0.3231

■ 12.3116, 0.2956,
0.3149

206.4574, 0.3060,
0.3235

■ 6.9563, 0.2921,
0.3120

251.2928, 0.3064,
0.3239

■ 3.4348, 0.2867,
0.3074

302.1904, 0.3068,

■ 1.3627, 0.2775,

0.3242

0.2996

359.5345, 0.3071,
0.3245

0.1890, 0.1817,
0.2221

0.0000, 0.0000,
0.0000

59.7592, 0.3026,
0.3207

59.7592, 0.3026,
0.3207

52.2376, 0.2868,
0.3069

68.0280, 0.3178,
0.3330

45.4323, 0.2705,
0.2917

77.0585, 0.3321,
0.3439

39.3213, 0.2542,
0.2750

85.8452, 0.3419,
0.3538

33.8783, 0.2381,
0.2571

92.1289, 0.3401,
0.3640

■ 29.0752, 0.2227,
0.2382

■ 97.4835, 0.3388,
0.3721

■ 24.8812, 0.2086,
0.2186

■ 21.2625, 0.1964,
0.1989

■ 18.1804, 0.1864,
0.1797

■ 15.5872, 0.1788,
0.1614

Harmonies

Analogous

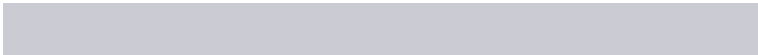
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.7592, 0.3017, 0.3244



59.7592, 0.3026, 0.3207



59.7592, 0.3062, 0.3192

Triad

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



59.7592, 0.3026, 0.3207



59.7592, 0.3218, 0.3285



59.7592, 0.3138, 0.3379

Complementary

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



59.7592, 0.3026, 0.3207



61.1000, 0.3231, 0.3372

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.



59.7592, 0.3192, 0.3389



59.7592, 0.3026, 0.3207



59.7592, 0.3239, 0.3335

Square

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



59.7592, 0.3026, 0.3207



59.7592, 0.3173, 0.3238



59.7592, 0.3229, 0.3373



59.7592, 0.3081, 0.3344

Rectangle

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



59.7592, 0.3026, 0.3207



59.7592, 0.3096, 0.3197



59.7592, 0.3229, 0.3373



59.7592, 0.3157, 0.3385

Sweetspot

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



59.7617, 0.3026, 0.3207



97.4208, 0.3097, 0.3265



62.8297, 0.3072, 0.3372



20.8792, 0.3098, 0.3267



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.



59.7617, 0.3026, 0.3207



89.9652, 0.3003, 0.3188



56.5352, 0.3027, 0.3124



12.3750, 0.2982, 0.3170



9.1328, 0.1772, 0.1580



0.6694, 0.1865, 0.1915

Inverse Universe

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



58.1639, 0.3186, 0.3210



87.0249, 0.3201, 0.3191



64.4751, 0.3224, 0.3451



11.9049, 0.3214, 0.3175



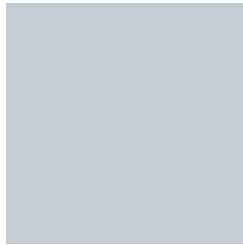
8.9932, 0.4956, 0.2504



0.5189, 0.4550, 0.2280

Previews

White Background



This preview shows how the Yxy color 59.7592, 0.3026, 0.3207 looks on a white background.

Color Contrast Check

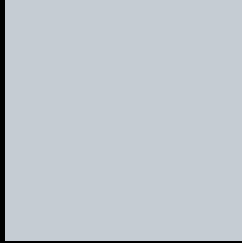
Large Text (above 18pt) WCAG AA × Fail

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 59.7592, 0.3026, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

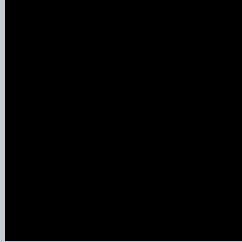
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

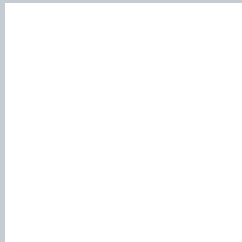
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7592, 0.3026, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 59.7592, 0.3026, 0.3207.

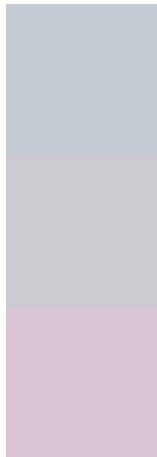


This preview shows how white text looks on a background with the Yxy color 59.7592, 0.3026, 0.3207.

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

59.7592, 0.3026, 0.3207

Protanopia

59.8733, 0.3093, 0.3197

Deuteranopia

59.5914, 0.3182, 0.3121



Tritanopia

59.8321, 0.2979, 0.3103

Trichromacy



Original Color

59.7592, 0.3026, 0.3207

Protanomaly

59.9216, 0.3070, 0.3208

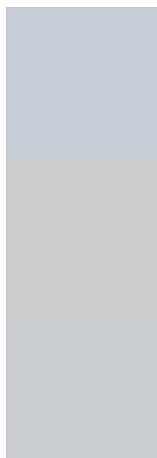
Deuteranomaly

59.7637, 0.3118, 0.3152

Tritanomaly

59.6755, 0.2999, 0.3138

Monochromacy



Original Color

59.7592, 0.3026, 0.3207

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5856, 0.3091, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7592, 0.3026, 0.3207 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(197, 204, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 204, 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(197, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 204, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.7592, 0.3026, 0.3207 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(197, 204, 211) }
```

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

```
.border{ border-color:rgb(197, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 204,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7592, 0.3026, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 204, 211) }
```

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

```
.background{ background-color: rgb(197,  
204, 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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