

Converting Colors

Yxy(59.8143, 0.2996, 0.3219)

Have a look what the booklet for
Yxy(59.8143, 0.2996, 0.3219)
contains.

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Color

Yxy(59.7032, 0.2996, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	C1CDD3
RGB	193, 205, 211
RGB Percent	76%, 80%, 83%
CMY	0.2431, 0.1961, 0.1724
CMYK	0.09, 0.03, 0.00, 0.17
HSL	200°, 17%, 79%
HSV	200°, 9%, 83%
XYZ	55.5845, 59.7032, 70.2412
YIQ	202.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

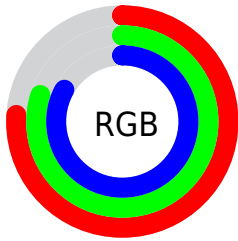
Format	Color
RYB	193, 200, 211
Decimal	12701139
CIELab	81.68, -2.89, -4.40
CIElCh	82, 5.269, 236.702
Yxy	59.7032, 0.2996, 0.3218
Android (android.graphics.Color)	4290891219 (0xFFC1CDD3)
YUV	202.0960, 4.3897, -7.9772
Hunter-Lab	77.2678, -6.8105, 0.1892

Details

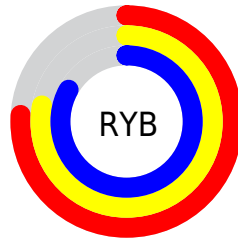
The Yxy color **59.7032, 0.2996, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5648, 0.3267, 0.3361**, and the grayscale version is **59.1044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **30.0565, 0.2955, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **53.8266, 0.2841, 0.3125**, and if you desaturate by 10%, it is **66.1329, 0.3149, 0.3302**.

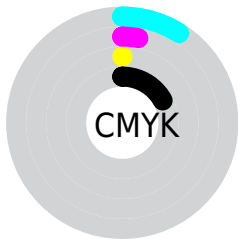
Distribution



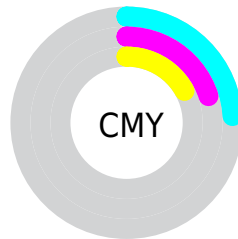
- Red (76%)
- Green (80%)
- Blue (83%)



- Red (76%)
- Yellow (78%)
- Blue (83%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7032, 0.2996, 0.3218 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 59.7032, 0.2996, 0.3218 by changing the saturation by 10% instead.

■ 59.7032, 0.2996,
0.3218

■ 59.7032, 0.2996,
0.3218

423.5029, 0.3059,
0.3253

■ 43.1794, 0.2981,
0.3210

■ 104.3990, 0.3018,
0.3230

■ 30.0259, 0.2963,
0.3199

133.3398, 0.3027,
0.3235

■ 19.8583, 0.2938,
0.3185

167.1885, 0.3034,
0.3239

■ 12.2921, 0.2906,
0.3167

206.3294, 0.3040,
0.3243

■ 6.9429, 0.2861,
0.3140

251.1469, 0.3046,
0.3246

■ 3.4264, 0.2791,
0.3100

302.0253, 0.3051,

■ 1.3582, 0.2674,

0.3248

359.3492, 0.3055,
0.3251

0.3028

0.1856, 0.1320,
0.2316

0.0000, 0.0000,
0.0000

59.7032, 0.2996,
0.3218

59.7032, 0.2996,
0.3218

53.8266, 0.2841,
0.3125

66.1329, 0.3149,
0.3302

48.4769, 0.2688,
0.3024

73.1257, 0.3299,
0.3376

43.6366, 0.2540,
0.2914

80.4514, 0.3435,
0.3443

39.2845, 0.2399,
0.2797

84.3728, 0.3423,
0.3513

■ 35.3974, 0.2271,
0.2674

■ 88.4541, 0.3411,
0.3581

■ 31.9496, 0.2159,
0.2548

■ 92.6970, 0.3400,
0.3649

■ 28.9123, 0.2065,
0.2419

■ 97.1034, 0.3388,
0.3715

■ 26.2520, 0.1991,
0.2291

■ 97.4847, 0.3387,
0.3720

■ 23.9182, 0.1937,
0.2165

Harmonies

Analogous

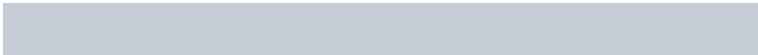
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.7032, 0.3009, 0.3274



59.7032, 0.2996, 0.3218



59.7032, 0.3018, 0.3182

Triad

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



59.7032, 0.2996, 0.3218



59.7032, 0.3202, 0.3245



59.7032, 0.3185, 0.3408

Complementary

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



59.7032, 0.2996, 0.3218



58.5648, 0.3267, 0.3361

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.



59.7032, 0.3237, 0.3398



59.7032, 0.2996, 0.3218



59.7032, 0.3247, 0.3304

Square

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



59.7032, 0.2996, 0.3218



59.7032, 0.3136, 0.3198



59.7032, 0.3260, 0.3360



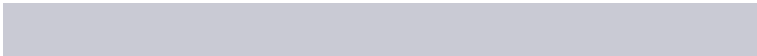
59.7032, 0.3117, 0.3385

Rectangle

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



59.7032, 0.2996, 0.3218



59.7032, 0.3050, 0.3174



59.7032, 0.3260, 0.3360



59.7032, 0.3205, 0.3408

Sweetspot

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



59.7057, 0.2996, 0.3218



96.9564, 0.3081, 0.3265



62.0654, 0.3076, 0.3434



20.5814, 0.3068, 0.3258



0.0000, 0.0000, 0.0000



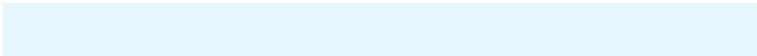
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7057, 0.2996, 0.3218



90.1597, 0.2972, 0.3204



55.5253, 0.2996, 0.3109



12.7132, 0.2983, 0.3210



14.4307, 0.1935, 0.2166



0.9497, 0.1999, 0.2396

Inverse Universe

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



56.4021, 0.3182, 0.3151



84.2586, 0.3193, 0.3125



62.8279, 0.3257, 0.3464



11.9390, 0.3188, 0.3136



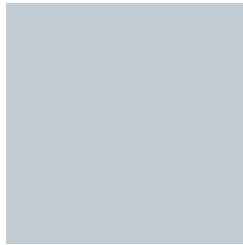
9.5281, 0.4269, 0.2125



0.5472, 0.4027, 0.1992

Previews

White Background



This preview shows how the Yxy color 59.7032, 0.2996, 0.3218 looks on a white background.

Color Contrast Check

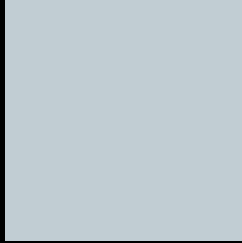
Large Text (above 18pt) WCAG AA × Fail

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 59.7032, 0.2996, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

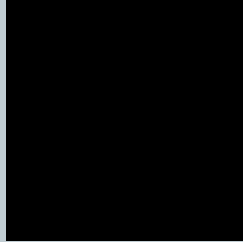
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

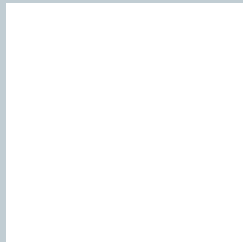
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7032, 0.2996, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 59.7032, 0.2996, 0.3218.



This preview shows how white text looks on a background with the Yxy color 59.7032, 0.2996, 0.3218.

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

59.7032, 0.2996, 0.3218

Protanopia

59.8236, 0.3100, 0.3209

Deuteranopia

59.6420, 0.3175, 0.3110



Tritanopia

59.8224, 0.2943, 0.3102

Trichromacy



Original Color

59.7032, 0.2996, 0.3218

Protanomaly

59.7825, 0.3063, 0.3208

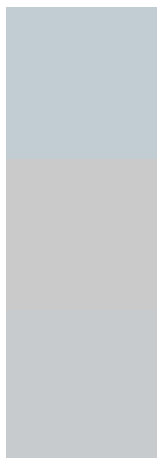
Deuteranomaly

59.6173, 0.3110, 0.3152

Tritanomaly

59.6648, 0.2963, 0.3137

Monochromacy



Original Color

59.7032, 0.2996, 0.3218

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2618, 0.3083, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7032, 0.2996, 0.3218 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, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.7032, 0.2996, 0.3218 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, 205, 211) }
```

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

```
.border{ border-color:rgb(193, 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(193, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 205,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7032, 0.2996, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 211) }
```

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

```
.background{ background-color: rgb(193,  
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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