

Converting Colors

$Yxy(58.3509, 0.3067, 0.3206)$

Have a look what the booklet for
Yxy(58.3509, 0.3067, 0.3206)
contains.

Yxy(58.4695, 0.3062, 0.3207)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4695, 0.3062, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C7C9D0
RGB	199, 201, 208
RGB Percent	78%, 79%, 82%
CMY	0.2196, 0.2117, 0.1843
CMYK	0.04, 0.03, 0.00, 0.18
HSL	227°, 9%, 80%
HSV	227°, 4%, 82%
XYZ	55.8259, 58.4695, 68.0230
YIQ	201.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

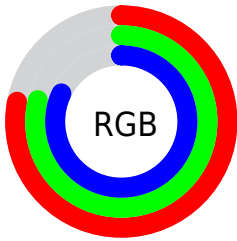
Format	Color
R _Y B	199, 201, 208
Decimal	13093328
CIE Lab	81.00, 0.63, -3.73
CIE LCh	81, 3.787, 279.607
Yxy	58.4695, 0.3062, 0.3207
Android (android.graphics.Color)	4291283408 (0xFFC7C9D0)
YUV	201.2000, 3.3524, -1.9294
Hunter-Lab	76.4654, -3.4949, 0.7818

Details

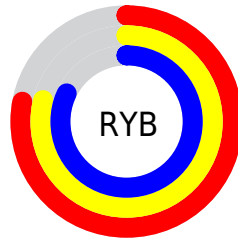
The Yxy color **58.4695, 0.3062, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6810, 0.3192, 0.3372**, and the grayscale version is **58.5213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.2203, 0.3041, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **48.6684, 0.2901, 0.2997**, and if you desaturate by 10%, it is **69.4589, 0.3208, 0.3392**.

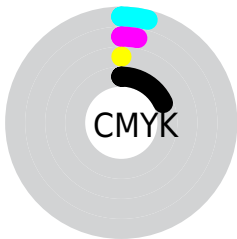
Distribution



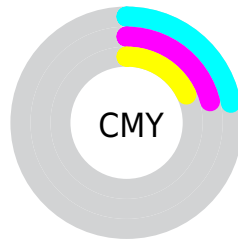
- Red (78%)
- Green (79%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4695, 0.3062, 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 58.4695, 0.3062, 0.3207 by changing the saturation by 10% instead.

■ 58.4695, 0.3062,
0.3207

■ 58.4695, 0.3062,
0.3207

418.9331, 0.3093,
0.3247

■ 42.1862, 0.3055,
0.3197

102.6062, 0.3073,
0.3221

■ 29.2471, 0.3045,
0.3186

131.2285, 0.3077,
0.3227

■ 19.2679, 0.3033,
0.3170

164.7325, 0.3081,
0.3231

■ 11.8640, 0.3016,
0.3149

203.5027, 0.3084,
0.3235

■ 6.6511, 0.2993,
0.3119

247.9235, 0.3087,
0.3239

■ 3.2449, 0.2956,
0.3074

298.3792, 0.3089,

■ 1.2609, 0.2894,

0.3242

0.2995

355.2543, 0.3091,
0.3245

0.1106, 0.1968,
0.1805

0.0000, 0.0000,
0.0000

58.4695, 0.3062,
0.3207

58.4695, 0.3062,
0.3207

48.6684, 0.2901,
0.2997

69.4589, 0.3208,
0.3392

40.0080, 0.2727,
0.2763

81.6674, 0.3340,
0.3553

32.4484, 0.2542,
0.2504

93.8989, 0.3415,
0.3700

25.9443, 0.2351,
0.2225

97.3345, 0.3406,
0.3750

■ 20.4476, 0.2160,
0.1934

■ 15.9059, 0.1980,
0.1643

■ 12.2619, 0.1820,
0.1366

■ 9.4518, 0.1691,
0.1119

■ 7.4019, 0.1600,
0.0917

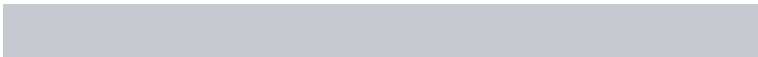
Harmonies

Analogous

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



58.4695, 0.3036, 0.3225



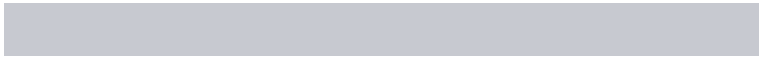
58.4695, 0.3062, 0.3207



58.4695, 0.3106, 0.3211

Triad

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



58.4695, 0.3062, 0.3207



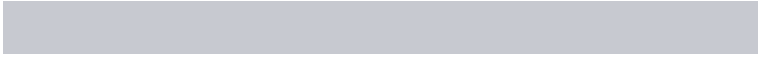
58.4695, 0.3221, 0.3319



58.4695, 0.3099, 0.3345

Complementary

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



58.4695, 0.3062, 0.3207



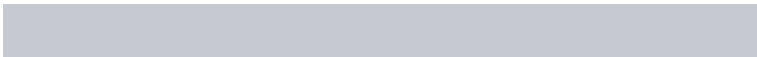
61.6810, 0.3192, 0.3372

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.



58.4695, 0.3148, 0.3370



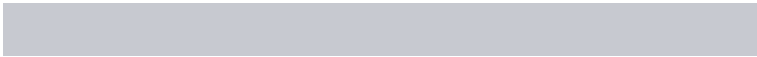
58.4695, 0.3062, 0.3207



58.4695, 0.3219, 0.3355

Square

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



58.4695, 0.3062, 0.3207



58.4695, 0.3198, 0.3276



58.4695, 0.3193, 0.3374



58.4695, 0.3057, 0.3304

Rectangle

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



58.4695, 0.3062, 0.3207



58.4695, 0.3139, 0.3226



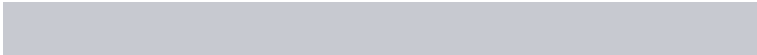
58.4695, 0.3193, 0.3374



58.4695, 0.3115, 0.3355

Sweetspot

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



58.4720, 0.3062, 0.3207



98.2607, 0.3112, 0.3271



61.7104, 0.3075, 0.3315



21.0502, 0.3113, 0.3272



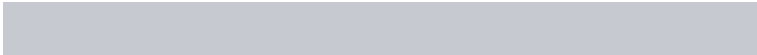
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



58.4720, 0.3062, 0.3207



91.4969, 0.3051, 0.3193



57.8759, 0.3081, 0.3184



12.6742, 0.3042, 0.3181



4.1868, 0.1568, 0.0845



0.3555, 0.1666, 0.1196

Inverse Universe

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



58.4762, 0.3183, 0.3267



91.5109, 0.3193, 0.3263



62.3055, 0.3172, 0.3395



12.6771, 0.3201, 0.3260



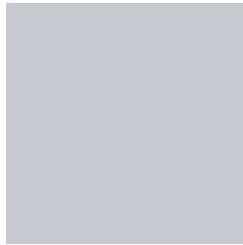
8.4939, 0.5998, 0.3078



0.4872, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 58.4695, 0.3062, 0.3207 looks on a white background.

Color Contrast Check

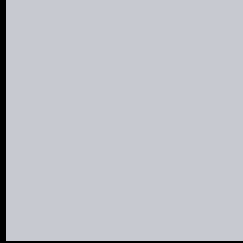
Large Text (above 18pt) WCAG AA × Fail

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 58.4695, 0.3062, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

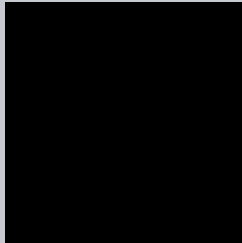
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

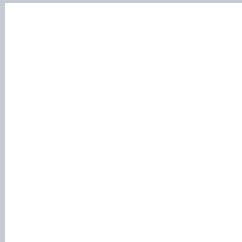
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4695, 0.3062, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 58.4695, 0.3062, 0.3207.

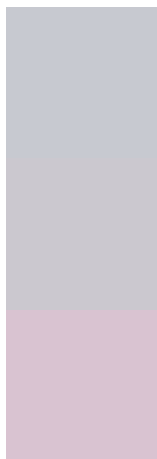


This preview shows how white text looks on a background with the Yxy color 58.4695, 0.3062, 0.3207.

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

58.4695, 0.3062, 0.3207

Protanopia

58.5101, 0.3100, 0.3208

Deuteranopia

58.3854, 0.3198, 0.3131



Tritanopia

58.5458, 0.3014, 0.3103

Trichromacy



Original Color

58.4695, 0.3062, 0.3207

Protanomaly

58.3701, 0.3092, 0.3208

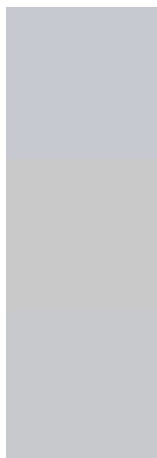
Deuteranomaly

58.2376, 0.3142, 0.3151

Tritanomaly

58.3920, 0.3035, 0.3137

Monochromacy



Original Color

58.4695, 0.3062, 0.3207

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4123, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4695, 0.3062, 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(199, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 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(199, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.4695, 0.3062, 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(199, 201, 208) }
```

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

```
.border{ border-color:rgb(199, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4695, 0.3062, 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(199, 201, 208) }
```

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

```
.background{ background-color: rgb(199,  
201, 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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