

Converting Colors

$Yxy(58.3712, 0.3002, 0.3156)$

Have a look what the booklet for
Yxy(58.3712, 0.3002, 0.3156)
contains.

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Color

Yxy(58.1795, 0.2997, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	C3C9D5
RGB	195, 201, 213
RGB Percent	76%, 79%, 84%
CMY	0.2355, 0.2117, 0.1648
CMYK	0.08, 0.06, 0.00, 0.16
HSL	220°, 18%, 80%
HSV	220°, 8%, 84%
XYZ	55.3888, 58.1795, 71.2459
YIQ	200.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

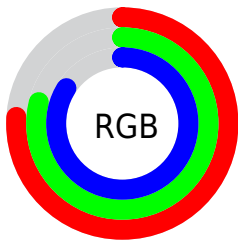
Format	Color
R _Y B	195, 200, 213
Decimal	12831189
CIE Lab	80.84, 0.23, -6.67
CIE LCh	81, 6.673, 271.964
Yxy	58.1795, 0.2997, 0.3148
Android (android.graphics.Color)	4291021269 (0xFFC3C9D5)
YUV	200.5740, 6.1260, -4.8884
Hunter-Lab	76.2755, -3.8611, -1.9876

Details

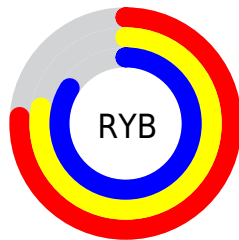
The Yxy color **58.1795, 0.2997, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6558, 0.3259, 0.3428**, and the grayscale version is **58.0919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **28.9988, 0.2964, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **49.2626, 0.2833, 0.2961**, and if you desaturate by 10%, it is **68.1108, 0.3150, 0.3314**.

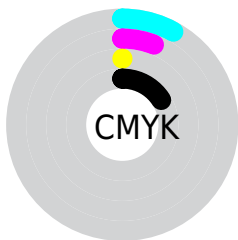
Distribution



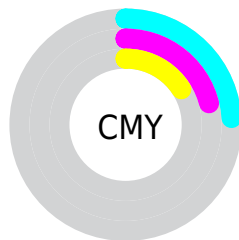
- Red (76%)
- Green (79%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1795, 0.2997, 0.3148 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 58.1795, 0.2997, 0.3148 by changing the saturation by 10% instead.

■ 58.1795, 0.2997,
0.3148

■ 58.1795, 0.2997,
0.3148

■ 417.8545, 0.3060,
0.3216

■ 41.9530, 0.2982,
0.3132

■ 102.1842, 0.3019,
0.3172

■ 29.0645, 0.2963,
0.3111

■ 130.7312, 0.3028,
0.3181

■ 19.1296, 0.2939,
0.3085

■ 164.1537, 0.3035,
0.3189

■ 11.7640, 0.2906,
0.3049

■ 202.8363, 0.3041,
0.3196

■ 6.5832, 0.2860,
0.2998

■ 247.1633, 0.3047,
0.3202

■ 3.2028, 0.2788,
0.2921

■ 297.5190, 0.3052,

■ 1.2385, 0.2666,

0.3207

0.2788

354.2880, 0.3056,
0.3212

0.0928, 0.1244,
0.1231

0.0000, 0.0000,
0.0000

58.1795, 0.2997,
0.3148

58.1795, 0.2997,
0.3148

49.2626, 0.2833,
0.2961

68.1108, 0.3150,
0.3314

41.3194, 0.2661,
0.2754

79.0807, 0.3291,
0.3461

34.3173, 0.2483,
0.2527

90.3871, 0.3394,
0.3591

28.2187, 0.2304,
0.2284

97.5830, 0.3376,
0.3701

■ 22.9836, 0.2130,
0.2030

■ 18.5684, 0.1971,
0.1775

■ 14.9251, 0.1832,
0.1528

■ 11.9994, 0.1722,
0.1300

■ 9.7190, 0.1642,
0.1101

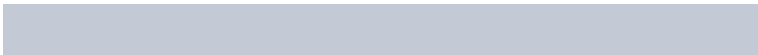
Harmonies

Analogous

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



58.1795, 0.2962, 0.3187



58.1795, 0.2997, 0.3148



58.1795, 0.3067, 0.3146

Triad

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



58.1795, 0.2997, 0.3148



58.1795, 0.3287, 0.3321



58.1795, 0.3099, 0.3402

Complementary

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



58.1795, 0.2997, 0.3148



62.6558, 0.3259, 0.3428

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.



58.1795, 0.3186, 0.3438



58.1795, 0.2997, 0.3148



58.1795, 0.3295, 0.3390

Square

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



58.1795, 0.2997, 0.3148



58.1795, 0.3235, 0.3246



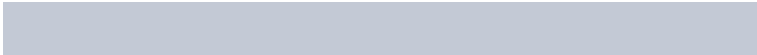
58.1795, 0.3258, 0.3434



58.1795, 0.3020, 0.3335

Rectangle

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



58.1795, 0.2997, 0.3148



58.1795, 0.3125, 0.3166



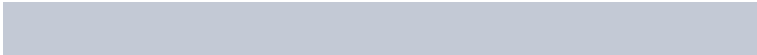
58.1795, 0.3258, 0.3434



58.1795, 0.3128, 0.3418

Sweetspot

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



58.1820, 0.2997, 0.3148



95.3854, 0.3082, 0.3241



63.6606, 0.3039, 0.3364



20.1576, 0.3069, 0.3227



0.0000, 0.0000, 0.0000



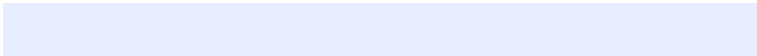
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1820, 0.2997, 0.3148



85.1671, 0.2971, 0.3119



55.7653, 0.3018, 0.3076



12.6863, 0.2982, 0.3131



5.9217, 0.1639, 0.1099



0.5080, 0.1736, 0.1451

Inverse Universe

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



57.3654, 0.3226, 0.3220



83.7546, 0.3248, 0.3206



65.2568, 0.3232, 0.3498



12.4892, 0.3239, 0.3212



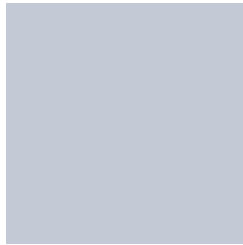
8.9426, 0.5612, 0.2865



0.5546, 0.5124, 0.2596

Previews

White Background



This preview shows how the Yxy color 58.1795, 0.2997, 0.3148 looks on a white background.

Color Contrast Check

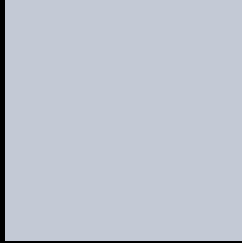
Large Text (above 18pt) WCAG AA × Fail

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 58.1795, 0.2997, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

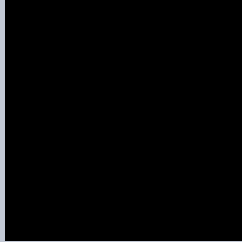
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

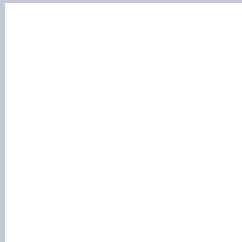
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1795, 0.2997, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 58.1795, 0.2997, 0.3148.

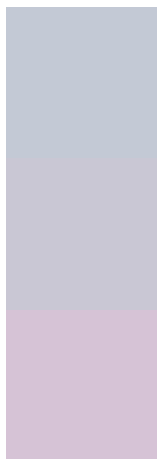


This preview shows how white text looks on a background with the Yxy color 58.1795, 0.2997, 0.3148.

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

58.1795, 0.2997, 0.3148

Protanopia

58.0178, 0.3050, 0.3137

Deuteranopia

58.1814, 0.3137, 0.3074



Tritanopia

58.0022, 0.2984, 0.3101

Trichromacy



Original Color

58.1795, 0.2997, 0.3148

Protanomaly

58.2041, 0.3034, 0.3149

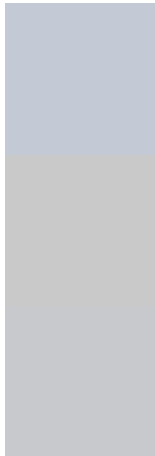
Deuteranomaly

58.0529, 0.3082, 0.3093

Tritanomaly

57.9506, 0.2991, 0.3113

Monochromacy



Original Color

58.1795, 0.2997, 0.3148

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3232, 0.3083, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1795, 0.2997, 0.3148 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(195, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 213)  
}
```

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(195, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.1795, 0.2997, 0.3148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

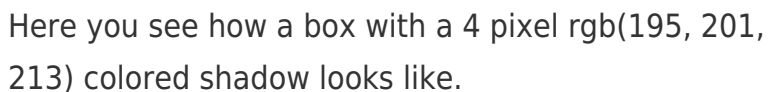
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 201, 213) }
```

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

```
.border{ border-color:rgb(195, 201, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1795, 0.2997, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 213) }
```

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

```
.background{ background-color: rgb(195,  
201, 213) }
```

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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