

Converting Colors

Yxy(58.1674, 0.2939, 0.3106)

Have a look what the booklet for
Yxy(58.1674, 0.2939, 0.3106)
contains.

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Color

Yxy(58.3272, 0.2941, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	BFCAD9
RGB	191, 202, 217
RGB Percent	75%, 79%, 85%
CMY	0.2511, 0.2078, 0.1491
CMYK	0.12, 0.07, 0.00, 0.15
HSL	215°, 25%, 80%
HSV	215°, 12%, 85%
XYZ	55.1222, 58.3272, 73.9773
YIQ	200.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

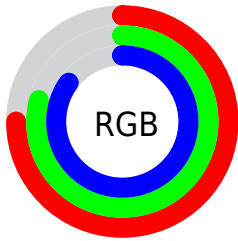
Format	Color
R_{YB}	191, 199, 217
Decimal	12569305
CIE Lab	80.92, -0.80, -8.72
CIE LCh	81, 8.755, 264.788
Yxy	58.3272, 0.2941, 0.3112
Android (android.graphics.Color)	4290759385 (0xFFBFCAD9)
YUV	200.4210, 8.1734, -8.2622
Hunter-Lab	76.3722, -4.8178, -3.9702

Details

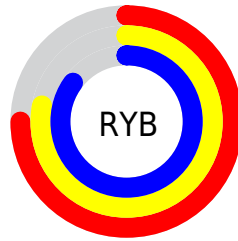
The Yxy color **58.3272, 0.2941, 0.3112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6153, 0.3321, 0.3462**, and the grayscale version is **57.9838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **29.1068, 0.2891, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **50.0996, 0.2777, 0.2944**, and if you desaturate by 10%, it is **67.4501, 0.3097, 0.3262**.

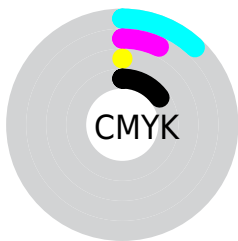
Distribution



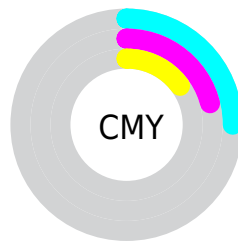
- Red (75%)
- Green (79%)
- Blue (85%)



- Red (75%)
- Yellow (78%)
- Blue (85%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3272, 0.2941, 0.3112 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 58.3272, 0.2941, 0.3112 by changing the saturation by 10% instead.

■ 58.3272, 0.2941,
0.3112

■ 58.3272, 0.2941,
0.3112

418.4040, 0.3030,
0.3198

■ 42.0718, 0.2920,
0.3092

■ 102.3992, 0.2973,
0.3142

■ 29.1575, 0.2893,
0.3066

130.9845, 0.2985,
0.3154

■ 19.2000, 0.2859,
0.3033

164.4486, 0.2995,
0.3164

■ 11.8149, 0.2812,
0.2988

203.1758, 0.3004,
0.3173

■ 6.6177, 0.2747,
0.2924

247.5506, 0.3012,
0.3180

■ 3.2242, 0.2647,
0.2828

297.9573, 0.3019,

■ 1.2499, 0.2479,

0.3187

0.2662

354.7803, 0.3025,
0.3192

0.1019, 0.0860,
0.1132

0.0000, 0.0000,
0.0000

58.3272, 0.2941,
0.3112

58.3272, 0.2941,
0.3112

50.0996, 0.2777,
0.2944

67.4501, 0.3097,
0.3262

42.7306, 0.2608,
0.2759

77.4888, 0.3244,
0.3396

36.1915, 0.2438,
0.2558

88.2700, 0.3374,
0.3514

30.4489, 0.2271,
0.2344

95.8509, 0.3356,
0.3633

■ 25.4669, 0.2113,
0.2122

■ 97.7882, 0.3352,
0.3661

■ 21.2062, 0.1971,
0.1897

■ 17.6231, 0.1851,
0.1677

■ 14.6671, 0.1757,
0.1471

■ 12.6905, 0.1700,
0.1318

Harmonies

Analogous

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



58.3272, 0.2908, 0.3173



58.3272, 0.2941, 0.3112



58.3272, 0.3023, 0.3098

Triad

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



58.3272, 0.2941, 0.3112



58.3272, 0.3325, 0.3306



58.3272, 0.3117, 0.3454

Complementary

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



58.3272, 0.2941, 0.3112



62.6153, 0.3321, 0.3462

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.



58.3272, 0.3229, 0.3489



58.3272, 0.2941, 0.3112



58.3272, 0.3351, 0.3401

Square

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



58.3272, 0.2941, 0.3112



58.3272, 0.3246, 0.3210



58.3272, 0.3316, 0.3469



58.3272, 0.3009, 0.3372

Rectangle

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



58.3272, 0.2941, 0.3112



58.3272, 0.3096, 0.3117



58.3272, 0.3316, 0.3469



58.3272, 0.3155, 0.3471

Sweetspot

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



58.3296, 0.2941, 0.3112



94.4299, 0.3066, 0.3233



65.1251, 0.3016, 0.3423



19.9928, 0.3054, 0.3222



0.0000, 0.0000, 0.0000



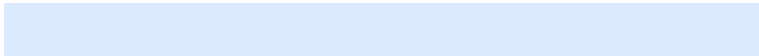
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3296, 0.2941, 0.3112



81.4369, 0.2906, 0.3078



53.5571, 0.2951, 0.2979



13.5219, 0.2982, 0.3152



7.8842, 0.1707, 0.1345



0.6792, 0.1796, 0.1665

Inverse Universe

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



56.2622, 0.3255, 0.3163



78.0469, 0.3281, 0.3140



67.8537, 0.3292, 0.3586



13.1429, 0.3225, 0.3191



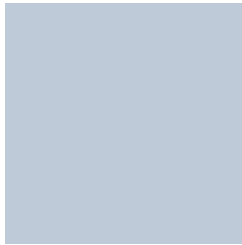
9.4197, 0.5265, 0.2674



0.6273, 0.4849, 0.2445

Previews

White Background



This preview shows how the Yxy color 58.3272, 0.2941, 0.3112 looks on a white background.

Color Contrast Check

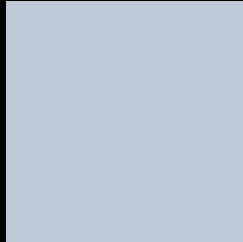
Large Text (above 18pt) WCAG AA × Fail

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 58.3272, 0.2941, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

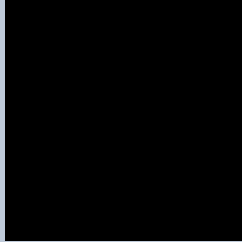
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

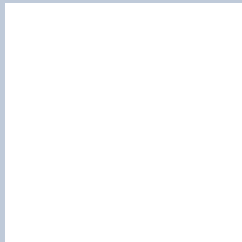
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3272, 0.2941, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 58.3272, 0.2941, 0.3112.

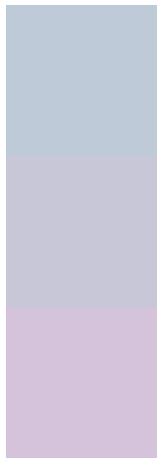


This preview shows how white text looks on a background with the Yxy color 58.3272, 0.2941, 0.3112.

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

58.3272, 0.2941, 0.3112

Protanopia

58.0325, 0.3021, 0.3102

Deuteranopia

58.0892, 0.3092, 0.3028



Tritanopia

58.3794, 0.2934, 0.3100

Trichromacy



Original Color

58.3272, 0.2941, 0.3112

Protanomaly

58.1367, 0.2992, 0.3102

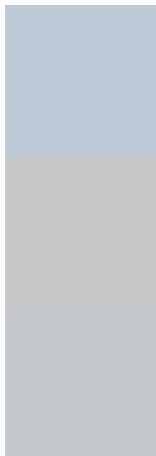
Deuteranomaly

58.2875, 0.3030, 0.3059

Tritanomaly

58.3794, 0.2934, 0.3100

Monochromacy



Original Color

58.3272, 0.2941, 0.3112

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0998, 0.3061, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3272, 0.2941, 0.3112 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(191, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 217)  
}
```

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(191, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 58.3272, 0.2941, 0.3112 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(191, 202, 217) }
```

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

```
.border{ border-color:rgb(191, 202, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 202, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3272, 0.2941, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 217) }
```

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

```
.background{ background-color: rgb(191,  
202, 217) }
```

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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