

Converting Colors

Yxy(57.4728, 0.2961, 0.3125)

Have a look what the booklet for
Yxy(57.4728, 0.2961, 0.3125)
contains.

Yxy(57.2400, 0.2961, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2400, 0.2961, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	BFC8D6
RGB	191, 200, 214
RGB Percent	75%, 78%, 84%
CMY	0.2508, 0.2157, 0.1607
CMYK	0.11, 0.07, 0.00, 0.16
HSL	217°, 22%, 79%
HSV	217°, 11%, 84%
XYZ	54.2882, 57.2400, 71.8158
YIQ	198.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

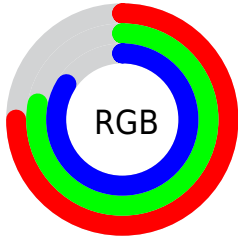
Format	Color
R_{YB}	191, 197, 214
Decimal	12568790
CIE Lab	80.31, -0.30, -8.03
CIE LCh	80, 8.040, 267.882
Yxy	57.2400, 0.2961, 0.3122
Android (android.graphics.Color)	4290758870 (0xFFBFC8D6)
YUV	198.9050, 7.4418, -6.9327
Hunter-Lab	75.6571, -4.3164, -3.3197

Details

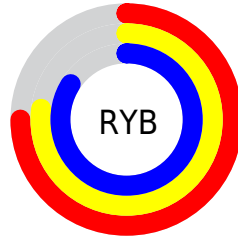
The Yxy color **57.2400, 0.2961, 0.3122** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7616, 0.3298, 0.3453**, and the grayscale version is **57.0163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **28.3793, 0.2916, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **48.8690, 0.2797, 0.2946**, and if you desaturate by 10%, it is **66.5389, 0.3116, 0.3279**.

Distribution



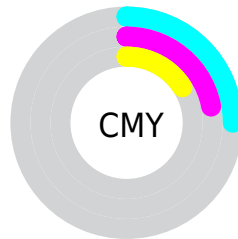
- Red (75%)
- Green (78%)
- Blue (84%)



- Red (75%)
- Yellow (77%)
- Blue (84%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2400, 0.2961, 0.3122 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 57.2400, 0.2961, 0.3122 by changing the saturation by 10% instead.

■ 57.2400, 0.2961,
0.3122

■ 57.2400, 0.2961,
0.3122

414.3480, 0.3041,
0.3203

■ 41.1980, 0.2942,
0.3103

■ 100.8153, 0.2989,
0.3151

■ 28.4738, 0.2918,
0.3078

129.1173, 0.3000,
0.3162

■ 18.6831, 0.2887,
0.3047

162.2748, 0.3010,
0.3171

■ 11.4415, 0.2845,
0.3004

200.6722, 0.3018,
0.3179

■ 6.3646, 0.2785,
0.2943

244.6938, 0.3025,
0.3186

■ 3.0681, 0.2693,
0.2850

294.7240, 0.3031,

■ 1.1674, 0.2536,

0.3193

0.2689

351.1473, 0.3036,
0.3198

0.0348, 0.0391,
0.0527

0.0000, 0.0000,
0.0000

57.2400, 0.2961,
0.3122

57.2400, 0.2961,
0.3122

48.8690, 0.2797,
0.2946

66.5389, 0.3116,
0.3279

41.3882, 0.2626,
0.2751

76.7874, 0.3261,
0.3418

34.7680, 0.2452,
0.2539

87.9672, 0.3393,
0.3541

28.9739, 0.2280,
0.2313

95.9081, 0.3374,
0.3665

■ 23.9691, 0.2116,
0.2078

■ 97.6359, 0.3369,
0.3691

■ 19.7134, 0.1967,
0.1840

■ 16.1619, 0.1840,
0.1610

■ 13.2639, 0.1740,
0.1394

■ 11.0899, 0.1671,
0.1214

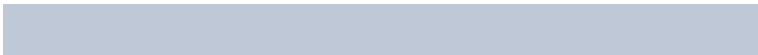
Harmonies

Analogous

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



57.2400, 0.2925, 0.3175



57.2400, 0.2961, 0.3122



57.2400, 0.3041, 0.3114

Triad

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



57.2400, 0.2961, 0.3122



57.2400, 0.3315, 0.3315



57.2400, 0.3107, 0.3435

Complementary

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



57.2400, 0.2961, 0.3122



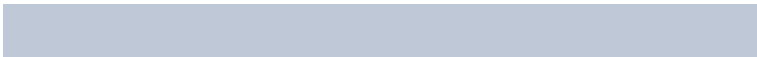
61.7616, 0.3298, 0.3453

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.



57.2400, 0.3212, 0.3472



57.2400, 0.2961, 0.3122



57.2400, 0.3333, 0.3401

Square

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



57.2400, 0.2961, 0.3122



57.2400, 0.3246, 0.3224



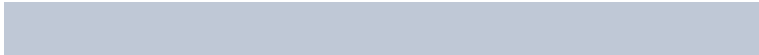
57.2400, 0.3295, 0.3459



57.2400, 0.3009, 0.3356

Rectangle

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



57.2400, 0.2961, 0.3122



57.2400, 0.3109, 0.3134



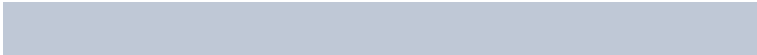
57.2400, 0.3295, 0.3459



57.2400, 0.3142, 0.3453

Sweetspot

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



57.2424, 0.2961, 0.3122



95.6330, 0.3081, 0.3245



63.5840, 0.3023, 0.3399



20.2243, 0.3069, 0.3232



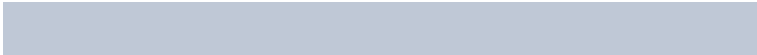
0.0000, 0.0000, 0.0000



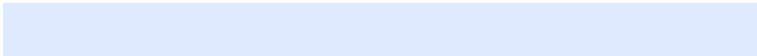
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2424, 0.2961, 0.3122



82.0019, 0.2922, 0.3082



53.5219, 0.2977, 0.3014



12.7936, 0.2982, 0.3144



6.8904, 0.1678, 0.1242



0.5740, 0.1775, 0.1589

Inverse Universe

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



55.7513, 0.3247, 0.3187



79.4069, 0.3277, 0.3162



65.8209, 0.3269, 0.3554



12.5001, 0.3231, 0.3200



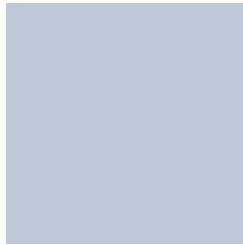
9.0404, 0.5408, 0.2753



0.5613, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 57.2400, 0.2961, 0.3122 looks on a white background.

Color Contrast Check

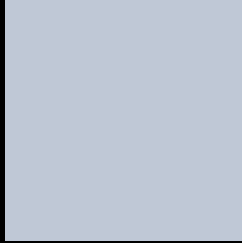
Large Text (above 18pt) WCAG AA × Fail

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 57.2400, 0.2961, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

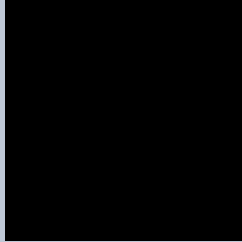
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

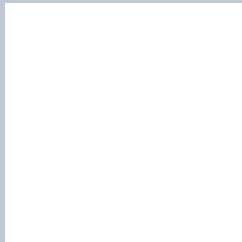
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2400, 0.2961, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 57.2400, 0.2961, 0.3122.

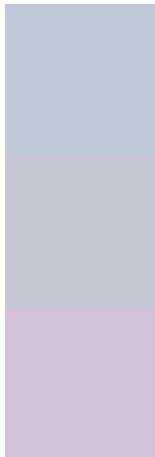


This preview shows how white text looks on a background with the Yxy color 57.2400, 0.2961, 0.3122.

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

57.2400, 0.2961, 0.3122

Protanopia

57.3344, 0.3027, 0.3113

Deuteranopia

56.8951, 0.3107, 0.3038



Tritanopia

57.3428, 0.2947, 0.3099

Trichromacy



Original Color

57.2400, 0.2961, 0.3122

Protanomaly

57.3867, 0.3005, 0.3124

Deuteranomaly

57.2235, 0.3052, 0.3069

Tritanomaly

57.2912, 0.2954, 0.3111

Monochromacy



Original Color

57.2400, 0.2961, 0.3122

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9422, 0.3068, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2400, 0.2961, 0.3122 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, 200, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 214)  
}
```

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, 200, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.2400, 0.2961, 0.3122 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, 200, 214) }
```

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

```
.border{ border-color:rgb(191, 200, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 200, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 200, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 200,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2400, 0.2961, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 214) }
```

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

```
.background{ background-color: rgb(191,  
200, 214) }
```

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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