

Converting Colors

$Yxy(60.2013, 0.2992, 0.3138)$

Have a look what the booklet for
Yxy(60.2013, 0.2992, 0.3138)
contains.

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Color

Yxy(60.2013, 0.2992, 0.3138)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6CCD9 |
| RGB | 198, 204, 217 |
| RGB Percent | 78%, 80%, 85% |
| CMY | 0.2236, 0.1999, 0.1490 |
| CMYK | 0.09, 0.06, 0.00, 0.15 |
| HSL | 221°, 20%, 81% |
| HSV | 221°, 9%, 85% |
| XYZ | 57.4003, 60.2013, 74.2444 |
| YIQ | 203.6880, -7.7490, 2.7710 |

Conversions

Conversions Part 2

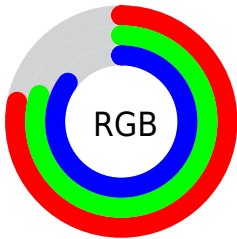
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 198, 203, 217 |
| Decimal | 13028569 |
| CIE Lab | 81.95, 0.44, -7.16 |
| CIE LCh | 82, 7.173, 273.551 |
| Yxy | 60.2013, 0.2992, 0.3138 |
| Android (android.graphics.Color) | 4291218649 (0xFFC6CCD9) |
| YUV | 203.6880, 6.5628, -4.9884 |
| Hunter-Lab | 77.5895, -3.7282, -2.4212 |

Details

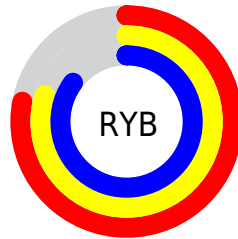
The Yxy color **60.2013, 0.2992, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3993, 0.3264, 0.3438**, and the grayscale version is **60.1368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3506, 0.2958, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **50.7535, 0.2827, 0.2945**, and if you desaturate by 10%, it is **70.7463, 0.3145, 0.3310**.

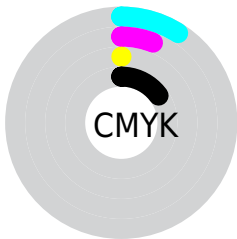
Distribution



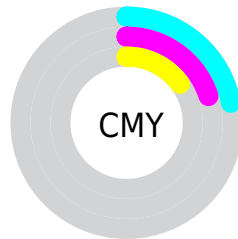
- Red (78%)
- Green (80%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2013, 0.2992, 0.3138 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 60.2013, 0.2992, 0.3138 by changing the saturation by 10% instead.

■ 60.2013, 0.2992,
0.3138

■ 60.2013, 0.2992,
0.3138

425.3394, 0.3057,
0.3211

■ 43.5809, 0.2977,
0.3121

105.1216, 0.3015,
0.3164

■ 30.3412, 0.2957,
0.3099

134.1903, 0.3024,
0.3174

■ 20.0977, 0.2933,
0.3072

168.1773, 0.3031,
0.3182

■ 12.4661, 0.2899,
0.3034

207.4669, 0.3038,
0.3189

■ 7.0619, 0.2853,
0.2982

252.4435, 0.3043,
0.3196

■ 3.5009, 0.2781,
0.2903

303.4915, 0.3048,

■ 1.3985, 0.2661,

0.3201

0.2769

360.9953, 0.3053,
0.3206

0.2156, 0.1849,
0.1848

0.0000, 0.0000,
0.0000

60.2013, 0.2992,
0.3138

60.2013, 0.2992,
0.3138

50.7535, 0.2827,
0.2945

70.7463, 0.3145,
0.3310

42.3589, 0.2653,
0.2730

82.4155, 0.3286,
0.3461

34.9813, 0.2473,
0.2495

93.6813, 0.3361,
0.3599

28.5798, 0.2291,
0.2243

97.7901, 0.3351,
0.3661

■ 23.1101, 0.2116,
0.1982

■ 18.5245, 0.1954,
0.1720

■ 14.7703, 0.1814,
0.1469

■ 11.7877, 0.1704,
0.1240

■ 9.4965, 0.1626,
0.1044

Harmonies

Analogous

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



60.2013, 0.2952, 0.3178



60.2013, 0.2992, 0.3138



60.2013, 0.3068, 0.3139

Triad

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



60.2013, 0.2992, 0.3138



60.2013, 0.3299, 0.3327



60.2013, 0.3092, 0.3406

Complementary

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



60.2013, 0.2992, 0.3138



65.3993, 0.3264, 0.3438

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.



60.2013, 0.3185, 0.3447



60.2013, 0.2992, 0.3138



60.2013, 0.3305, 0.3400

Square

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



60.2013, 0.2992, 0.3138



60.2013, 0.3246, 0.3247



60.2013, 0.3263, 0.3444



60.2013, 0.3009, 0.3333

Rectangle

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



60.2013, 0.2992, 0.3138



60.2013, 0.3130, 0.3161



60.2013, 0.3263, 0.3444



60.2013, 0.3123, 0.3424

Sweetspot

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



60.2038, 0.2992, 0.3138



95.2915, 0.3082, 0.3239



66.3174, 0.3033, 0.3363



20.1323, 0.3069, 0.3226



0.0000, 0.0000, 0.0000



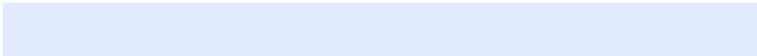
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2038, 0.2992, 0.3138



83.4499, 0.2955, 0.3095



57.8218, 0.3016, 0.3068



13.2885, 0.2981, 0.3126



5.7693, 0.1624, 0.1047



0.5261, 0.1716, 0.1376

Inverse Universe

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



59.4875, 0.3233, 0.3221



82.2185, 0.3265, 0.3203



67.9766, 0.3233, 0.3506



13.1193, 0.3242, 0.3216



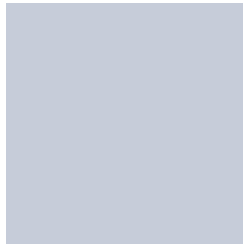
9.2062, 0.5688, 0.2907



0.6118, 0.5223, 0.2651

Previews

White Background



This preview shows how the Yxy color 60.2013, 0.2992, 0.3138 looks on a white background.

Color Contrast Check

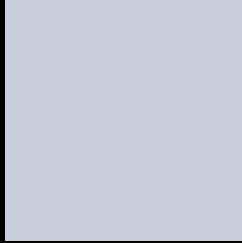
Large Text (above 18pt) WCAG AA × Fail

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 60.2013, 0.2992, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

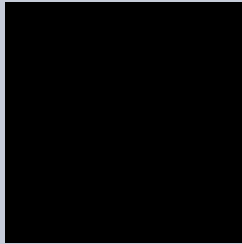
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

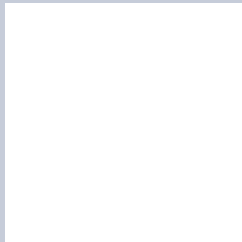
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2013, 0.2992, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 60.2013, 0.2992, 0.3138.

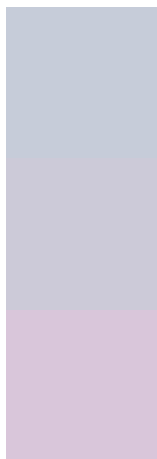


This preview shows how white text looks on a background with the Yxy color 60.2013, 0.2992, 0.3138.

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

60.2013, 0.2992, 0.3138

Protanopia

60.0363, 0.3044, 0.3128

Deuteranopia

60.2018, 0.3130, 0.3066



Tritanopia

60.3588, 0.2972, 0.3104

Trichromacy



Original Color

60.2013, 0.2992, 0.3138

Protanomaly

60.2263, 0.3029, 0.3139

Deuteranomaly

60.0721, 0.3075, 0.3085

Tritanomaly

60.3060, 0.2979, 0.3115

Monochromacy



Original Color

60.2013, 0.2992, 0.3138

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3457, 0.3077, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2013, 0.2992, 0.3138 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(198, 204, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 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(198, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 217) }
```

Border

The CSS property to change the border of an element to Yxy 60.2013, 0.2992, 0.3138 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(198, 204, 217) }
```

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

```
.border{ border-color:rgb(198, 204, 217) }
```

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

Here you see how a box with a 4 pixel rgb(198, 204, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2013, 0.2992, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 217) }
```

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

```
.background{ background-color: rgb(198,  
204, 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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