

Converting Colors

Yxy(62.1273, 0.2992, 0.3185)

Have a look what the booklet for
Yxy(62.1273, 0.2992, 0.3185)
contains.

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Color

Yxy(62.1273, 0.2992, 0.3185)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6D0D9 |
| RGB | 198, 208, 217 |
| RGB Percent | 78%, 82%, 85% |
| CMY | 0.2237, 0.1843, 0.1490 |
| CMYK | 0.09, 0.04, 0.00, 0.15 |
| HSL | 208°, 20%, 81% |
| HSV | 208°, 9%, 85% |
| XYZ | 58.3626, 62.1273, 74.5723 |
| YIQ | 206.0360, -8.8490, 0.6790 |

Conversions

Conversions Part 2

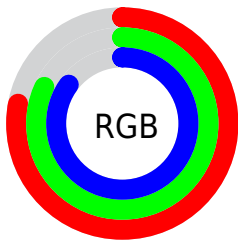
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 198, 205, 217 |
| Decimal | 13029593 |
| CIELab | 82.98, -1.66, -5.64 |
| CIElCh | 83, 5.876, 253.568 |
| Yxy | 62.1273, 0.2992, 0.3185 |
| Android (android.graphics.Color) | 4291219673 (0xFFC6D0D9) |
| YUV | 206.0360, 5.4053, -7.0476 |
| Hunter-Lab | 78.8209, -5.7669, -0.9195 |

Details

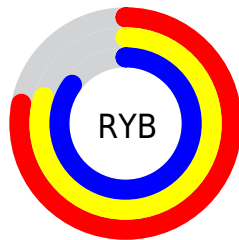
The Yxy color **62.1273, 0.2992, 0.3185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4378, 0.3268, 0.3393**, and the grayscale version is **61.7130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6491, 0.2959, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **54.5505, 0.2833, 0.3053**, and if you desaturate by 10%, it is **70.4551, 0.3146, 0.3304**.

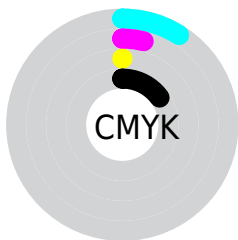
Distribution



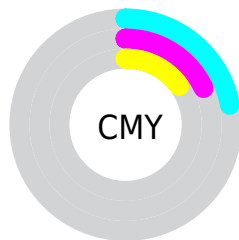
- Red (78%)
- Green (82%)
- Blue (85%)



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



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1273, 0.2992, 0.3185 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 62.1273, 0.2992, 0.3185 by changing the saturation by 10% instead.

■ 62.1273, 0.2992,
0.3185

■ 62.1273, 0.2992,
0.3185

432.3953, 0.3056,
0.3235

■ 45.1356, 0.2977,
0.3173

107.9095, 0.3015,
0.3203

■ 31.5642, 0.2958,
0.3158

137.4687, 0.3023,
0.3210

■ 21.0289, 0.2934,
0.3139

171.9860, 0.3031,
0.3215

■ 13.1451, 0.2901,
0.3113

211.8455, 0.3037,
0.3220

■ 7.5285, 0.2856,
0.3077

257.4319, 0.3043,
0.3225

■ 3.7948, 0.2788,
0.3022

309.1293, 0.3048,

■ 1.5594, 0.2675,

0.3229

0.2930

367.3223, 0.3052,
0.3232

0.3300, 0.2013,
0.2433

0.0000, 0.0000,
0.0000

62.1273, 0.2992,
0.3185

62.1273, 0.2992,
0.3185

54.5505, 0.2833,
0.3053

70.4551, 0.3146,
0.3304

47.6928, 0.2672,
0.2907

79.5486, 0.3292,
0.3409

41.5314, 0.2511,
0.2748

87.8702, 0.3375,
0.3506

36.0393, 0.2354,
0.2577

94.0371, 0.3360,
0.3605

■ 31.1871, 0.2207,
0.2398

■ 97.7907, 0.3351,
0.3661

■ 26.9428, 0.2074,
0.2214

■ 23.2707, 0.1961,
0.2028

■ 20.1295, 0.1869,
0.1847

■ 17.4592, 0.1801,
0.1674

Harmonies

Analogous

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



62.1273, 0.2984, 0.3236



62.1273, 0.2992, 0.3185



62.1273, 0.3036, 0.3163

Triad

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



62.1273, 0.2992, 0.3185



62.1273, 0.3241, 0.3277



62.1273, 0.3149, 0.3409

Complementary

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



62.1273, 0.2992, 0.3185



63.4378, 0.3268, 0.3393

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.



62.1273, 0.3219, 0.3420



62.1273, 0.2992, 0.3185



62.1273, 0.3272, 0.3342

Square

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



62.1273, 0.2992, 0.3185



62.1273, 0.3179, 0.3216



62.1273, 0.3264, 0.3394



62.1273, 0.3074, 0.3366

Rectangle

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



62.1273, 0.2992, 0.3185



62.1273, 0.3079, 0.3167



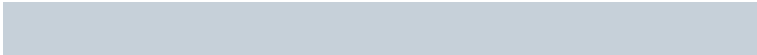
62.1273, 0.3264, 0.3394



62.1273, 0.3174, 0.3417

Sweetspot

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



62.1299, 0.2992, 0.3185



96.2936, 0.3081, 0.3255



66.1329, 0.3058, 0.3408



20.4024, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



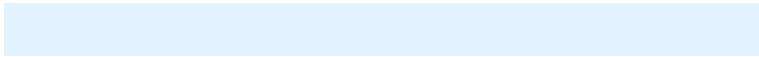
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1299, 0.2992, 0.3185



86.8974, 0.2956, 0.3156



57.6722, 0.2992, 0.3074



13.7486, 0.2982, 0.3177



10.5974, 0.1800, 0.1678



0.8587, 0.1878, 0.1961

Inverse Universe

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



59.6794, 0.3203, 0.3176



82.5665, 0.3226, 0.3145



68.1376, 0.3258, 0.3498



13.1657, 0.3210, 0.3167



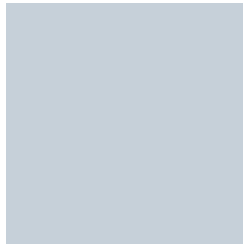
9.6936, 0.4833, 0.2436



0.6454, 0.4497, 0.2251

Previews

White Background



This preview shows how the Yxy color 62.1273, 0.2992, 0.3185 looks on a white background.

Color Contrast Check

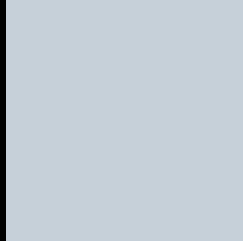
Large Text (above 18pt) WCAG AA × Fail

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 62.1273, 0.2992, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

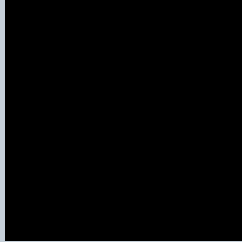
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

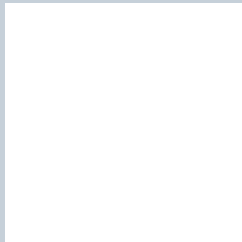
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1273, 0.2992, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 62.1273, 0.2992, 0.3185.



This preview shows how white text looks on a background with the Yxy color 62.1273, 0.2992, 0.3185.

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

62.1273, 0.2992, 0.3185

Protanopia

61.8343, 0.3072, 0.3175

Deuteranopia

61.7952, 0.3152, 0.3080



Tritanopia

62.0955, 0.2960, 0.3105

Trichromacy



Original Color

62.1273, 0.2992, 0.3185

Protanomaly

61.9379, 0.3043, 0.3175

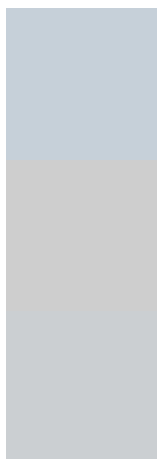
Deuteranomaly

61.9200, 0.3097, 0.3121

Tritanomaly

61.9882, 0.2973, 0.3128

Monochromacy



Original Color

62.1273, 0.2992, 0.3185

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9753, 0.3076, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1273, 0.2992, 0.3185 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, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 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, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.1273, 0.2992, 0.3185 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, 208, 217) }
```

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

```
.border{ border-color:rgb(198, 208, 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, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1273, 0.2992, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 217) }
```

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

```
.background{ background-color: rgb(198,  
208, 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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