

Converting Colors

$Yxy(62.1563, 0.3036, 0.3274)$

Have a look what the booklet for
Yxy(62.1563, 0.3036, 0.3274)
contains.

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Color

Yxy(62.2598, 0.3039, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C6D1D2
RGB	198, 209, 210
RGB Percent	78%, 82%, 82%
CMY	0.2236, 0.1804, 0.1764
CMYK	0.06, 0.00, 0.00, 0.18
HSL	185°, 12%, 80%
HSV	185°, 6%, 82%
XYZ	57.7204, 62.2598, 69.9521
YIQ	205.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

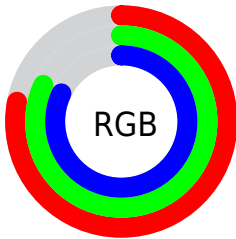
Format	Color
R_{YB}	198, 204, 210
Decimal	13029842
CIE Lab	83.05, -3.53, -1.80
CIE LCh	83, 3.961, 206.971
Yxy	62.2598, 0.3039, 0.3278
Android (android.graphics.Color)	4291219922 (0xFFC6D1D2)
YUV	205.8250, 2.0583, -6.8625
Hunter-Lab	78.9049, -7.5074, 2.6707

Details

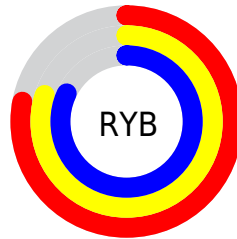
The Yxy color **62.2598, 0.3039, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6222, 0.3222, 0.3302**, and the grayscale version is **61.5943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7723, 0.3011, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **58.7505, 0.2889, 0.3256**, and if you desaturate by 10%, it is **66.1795, 0.3194, 0.3299**.

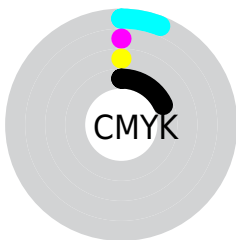
Distribution



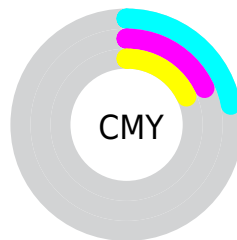
- Red (78%)
- Green (82%)
- Blue (82%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2598, 0.3039, 0.3278 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 62.2598, 0.3039, 0.3278 by changing the saturation by 10% instead.

■ 62.2598, 0.3039,
0.3278

■ 62.2598, 0.3039,
0.3278

432.8781, 0.3081,
0.3284

■ 45.2427, 0.3029,
0.3277

108.1009, 0.3054,
0.3280

■ 31.6486, 0.3017,
0.3275

137.6937, 0.3059,
0.3281

■ 21.0932, 0.3001,
0.3272

172.2471, 0.3064,
0.3282

■ 13.1922, 0.2980,
0.3269

212.1456, 0.3069,
0.3282

■ 7.5610, 0.2950,
0.3264

257.7736, 0.3072,
0.3283

■ 3.8154, 0.2905,
0.3257

309.5154, 0.3075,

■ 1.5708, 0.2830,

0.3283

0.3244

367.7554, 0.3078,
0.3284

0.3378, 0.2203,
0.3169

0.0000, 0.0000,
0.0000

62.2598, 0.3039,
0.3278

62.2598, 0.3039,
0.3278

58.7505, 0.2889,
0.3256

66.1795, 0.3194,
0.3299

55.6274, 0.2747,
0.3231


70.5169, 0.3351,
0.3317


52.8759, 0.2617,
0.3206


74.1348, 0.3462,
0.3334

50.4772, 0.2500,
0.3179


75.0260, 0.3459,
0.3352


 48.4111, 0.2399,
0.3151


 75.9268, 0.3456,
0.3369

 46.6551, 0.2317,
0.3122


 76.8371, 0.3453,
0.3387

 45.1839, 0.2253,
0.3094

 77.7570, 0.3450,
0.3405

 43.9679, 0.2209,
0.3065

 78.6865, 0.3447,
0.3422

 42.9710, 0.2182,
0.3037

 79.6257, 0.3444,
0.3440

Harmonies

Analogous

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



62.2598, 0.3072, 0.3323



62.2598, 0.3039, 0.3278



62.2598, 0.3030, 0.3237

Triad

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



62.2598, 0.3039, 0.3278



62.2598, 0.3135, 0.3222



62.2598, 0.3208, 0.3371

Complementary

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



62.2598, 0.3039, 0.3278



58.6222, 0.3222, 0.3302

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.



62.2598, 0.3226, 0.3343



62.2598, 0.3039, 0.3278



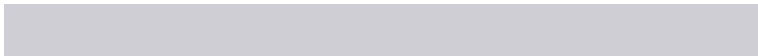
62.2598, 0.3183, 0.3257

Square

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



62.2598, 0.3039, 0.3278



62.2598, 0.3085, 0.3205



62.2598, 0.3216, 0.3301



62.2598, 0.3169, 0.3377

Rectangle

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



62.2598, 0.3039, 0.3278



62.2598, 0.3038, 0.3217



62.2598, 0.3216, 0.3301



62.2598, 0.3217, 0.3363

Sweetspot

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



62.2624, 0.3039, 0.3278



98.7749, 0.3096, 0.3286



62.2153, 0.3115, 0.3423



21.1548, 0.3097, 0.3286



0.0000, 0.0000, 0.0000



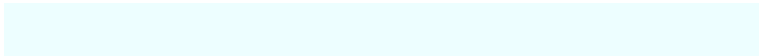
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2624, 0.3039, 0.3278



95.8258, 0.3018, 0.3275



59.4634, 0.3040, 0.3210



13.3788, 0.3012, 0.3274



26.0444, 0.2175, 0.3029



1.5071, 0.2189, 0.3081

Inverse Universe

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



58.6903, 0.3141, 0.3163



89.0399, 0.3144, 0.3132



61.3467, 0.3216, 0.3369



12.3723, 0.3145, 0.3122



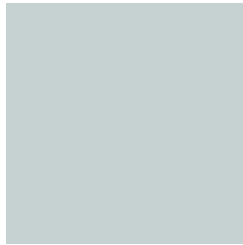
10.7005, 0.3429, 0.1662



0.6034, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 62.2598, 0.3039, 0.3278 looks on a white background.

Color Contrast Check

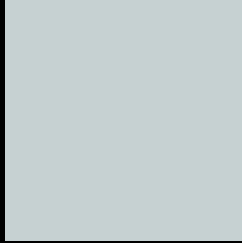
Large Text (above 18pt) WCAG AA × Fail

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 62.2598, 0.3039, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

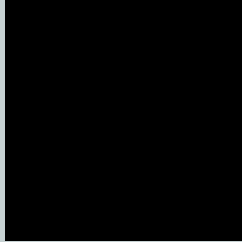
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

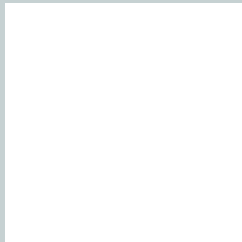
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2598, 0.3039, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 62.2598, 0.3039, 0.3278.

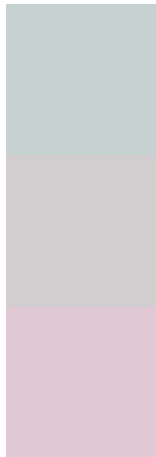


This preview shows how white text looks on a background with the Yxy color 62.2598, 0.3039, 0.3278.

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

62.2598, 0.3039, 0.3278

Protanopia

62.3983, 0.3143, 0.3267

Deuteranopia

61.9093, 0.3227, 0.3157



Tritanopia

62.2327, 0.2967, 0.3106

Trichromacy



Original Color

62.2598, 0.3039, 0.3278

Protanomaly

62.3509, 0.3106, 0.3267

Deuteranomaly

61.8621, 0.3162, 0.3200

Tritanomaly

62.3158, 0.2993, 0.3174

Monochromacy



Original Color

62.2598, 0.3039, 0.3278

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8272, 0.3097, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2598, 0.3039, 0.3278 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, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 209, 210)  
}
```

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, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 62.2598, 0.3039, 0.3278 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, 209, 210) }
```

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

```
.border{ border-color:rgb(198, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 209, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 209, 210); box-shadow:4px 4px 4px 4px rgb(198, 209, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2598, 0.3039, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 210) }
```

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

```
.background{ background-color: rgb(198,  
209, 210) }
```

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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