

Converting Colors

$Yxy(58.2833, 0.3165, 0.3227)$

Have a look what the booklet for
Yxy(58.2833, 0.3165, 0.3227)
contains.

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Color

Yxy(58.1577, 0.3162, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	D0C6CC
RGB	208, 198, 204
RGB Percent	82%, 78%, 80%
CMY	0.1842, 0.2235, 0.2000
CMYK	0.00, 0.05, 0.02, 0.18
HSL	324°, 10%, 80%
HSV	324°, 5%, 82%
XYZ	57.1101, 58.1577, 65.3461
YIQ	201.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

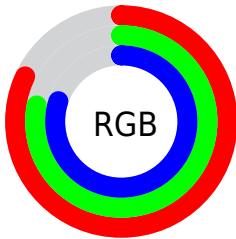
Format	Color
R _Y B	208, 198, 204
Decimal	13682380
CIE Lab	80.83, 4.56, -1.76
CIE LCh	81, 4.890, 338.924
Yxy	58.1577, 0.3162, 0.3220
Android (android.graphics.Color)	4291872460 (0xFFD0C6CC)
YUV	201.6740, 1.1467, 5.5479
Hunter-Lab	76.2612, 0.2172, 2.5789

Details

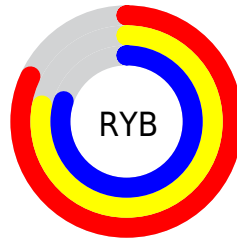
The Yxy color $58.1577, 0.3162, 0.3220$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.3919, 0.3094, 0.3361$, and the grayscale version is $58.8429, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $29.0186, 0.3174, 0.3197$ is the 20% darker color. If you saturate the color by 10%, you get $48.9056, 0.3245, 0.3069$, and if you desaturate by 10%, it is $68.7422, 0.3093, 0.3363$.

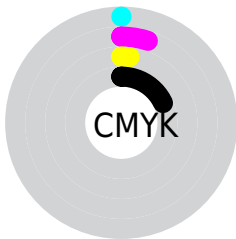
Distribution



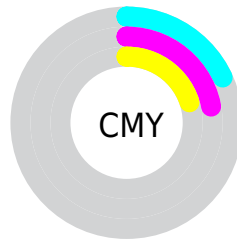
- Red (82%)
- Green (78%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1577, 0.3162, 0.3220 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 58.1577, 0.3162, 0.3220 by changing the saturation by 10% instead.

■ 58.1577, 0.3162,
0.3220

■ 58.1577, 0.3162,
0.3220

417.7733, 0.3145,
0.3254

■ 41.9354, 0.3166,
0.3212

102.1525, 0.3156,
0.3232

■ 29.0507, 0.3171,
0.3202

130.6938, 0.3154,
0.3236

■ 19.1192, 0.3177,
0.3189

164.1102, 0.3152,
0.3240

■ 11.7564, 0.3186,
0.3171

202.7862, 0.3150,
0.3244

■ 6.5781, 0.3198,
0.3147

247.1061, 0.3149,
0.3247

■ 3.1997, 0.3217,
0.3109

297.4543, 0.3148,

■ 1.2368, 0.3249,

0.3249

0.3044

354.2153, 0.3146,
0.3252

0.0915, 0.3871,
0.1785

0.0000, 0.0000,
0.0000

58.1577, 0.3162,
0.3220

58.1577, 0.3162,
0.3220

48.9056, 0.3245,
0.3069

68.7422, 0.3093,
0.3363

40.9251, 0.3343,
0.2912

80.7018, 0.3036,
0.3496

34.1620, 0.3458,
0.2754

90.5897, 0.2988,
0.3565

28.5550, 0.3592,
0.2600

91.0662, 0.2943,
0.3475

■ 24.0377, 0.3744,
0.2461

■ 91.5653, 0.2898,
0.3387

■ 20.5366, 0.3913,
0.2346

■ 92.0874, 0.2855,
0.3300

■ 17.9694, 0.4093,
0.2268

■ 92.1528, 0.2849,
0.3289

■ 16.2404, 0.4278,
0.2237

■ 15.2334, 0.4461,
0.2258

Harmonies

Analogous

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



58.1577, 0.3098, 0.3188



58.1577, 0.3162, 0.3220



58.1577, 0.3217, 0.3270

Triad

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



58.1577, 0.3162, 0.3220



58.1577, 0.3213, 0.3399



58.1577, 0.3007, 0.3252

Complementary

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



58.1577, 0.3162, 0.3220



61.3919, 0.3094, 0.3361

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.



58.1577, 0.3038, 0.3310



58.1577, 0.3162, 0.3220



58.1577, 0.3156, 0.3395

Square

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



58.1577, 0.3162, 0.3220



58.1577, 0.3247, 0.3373



58.1577, 0.3092, 0.3362



58.1577, 0.3009, 0.3206

Rectangle

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



58.1577, 0.3162, 0.3220



58.1577, 0.3242, 0.3308



58.1577, 0.3092, 0.3362



58.1577, 0.3014, 0.3271

Sweetspot

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



58.1602, 0.3162, 0.3220



98.3182, 0.3134, 0.3275



57.5000, 0.3086, 0.3172



21.0619, 0.3134, 0.3276



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.



58.1602, 0.3162, 0.3220



90.2354, 0.3172, 0.3202



57.9238, 0.3199, 0.3278



12.5201, 0.3176, 0.3194



9.2957, 0.4531, 0.2270



0.5352, 0.4224, 0.2101

Inverse Universe

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



58.1602, 0.3162, 0.3220



90.2354, 0.3172, 0.3202



61.6330, 0.3060, 0.3302



12.5201, 0.3176, 0.3194



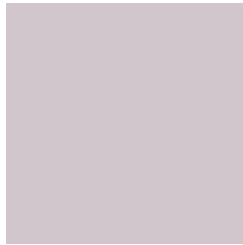
9.2957, 0.4531, 0.2270



0.5352, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 58.1577, 0.3162, 0.3220 looks on a white background.

Color Contrast Check

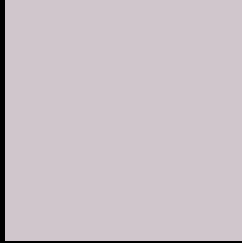
Large Text (above 18pt) WCAG AA × Fail

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 58.1577, 0.3162, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

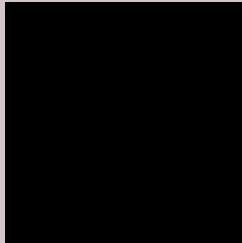
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

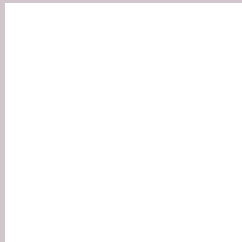
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1577, 0.3162, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 58.1577, 0.3162, 0.3220.



This preview shows how white text looks on a background with the Yxy color 58.1577, 0.3162, 0.3220.

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

58.1577, 0.3162, 0.3220

Protanopia

58.4128, 0.3114, 0.3231

Deuteranopia

57.8968, 0.3238, 0.3165



Tritanopia

58.2413, 0.3112, 0.3117

Trichromacy



Original Color

58.1577, 0.3162, 0.3220

Protanomaly

58.2338, 0.3130, 0.3220

Deuteranomaly

57.7341, 0.3204, 0.3175

Tritanomaly

58.0913, 0.3134, 0.3151

Monochromacy



Original Color

58.1577, 0.3162, 0.3220

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9225, 0.3136, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1577, 0.3162, 0.3220 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(208, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 198, 204)  
}
```

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(208, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 198, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.1577, 0.3162, 0.3220 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(208, 198, 204) }
```

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

```
.border{ border-color:rgb(208, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 198,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1577, 0.3162, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 198, 204) }
```

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

```
.background{ background-color: rgb(208,  
198, 204) }
```

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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