

Converting Colors

Yxy(58.1616, 0.3137, 0.3264)

Have a look what the booklet for
Yxy(58.1616, 0.3137, 0.3264)
contains.

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Color

Yxy(58.2693, 0.3136, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CBC8CA
RGB	203, 200, 202
RGB Percent	80%, 78%, 79%
CMY	0.2038, 0.2157, 0.2077
CMYK	0.00, 0.01, 0.00, 0.20
HSL	320°, 3%, 79%
HSV	320°, 1%, 80%
XYZ	55.9499, 58.2693, 64.1926
YIQ	201.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

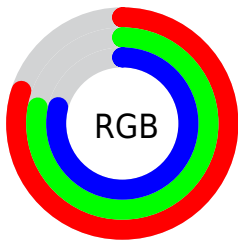
Format	Color
R _Y B	203, 200, 202
Decimal	13355210
CIE Lab	80.89, 1.42, -0.65
CIE LCh	81, 1.563, 335.291
Yxy	58.2693, 0.3136, 0.3266
Android (android.graphics.Color)	4291545290 (0xFFC8CA)
YUV	201.1250, 0.4314, 1.6444
Hunter-Lab	76.3343, -2.7519, 3.5747

Details

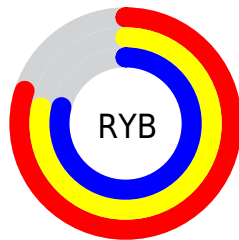
The Yxy color **58.2693, 0.3136, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2166, 0.3118, 0.3314**, and the grayscale version is **58.4907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.0854, 0.3139, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **49.1757, 0.3202, 0.3100**, and if you desaturate by 10%, it is **68.6302, 0.3081, 0.3423**.

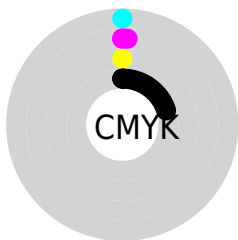
Distribution



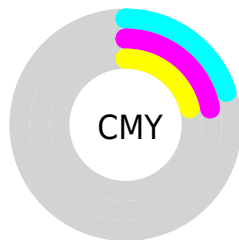
- Red (80%)
- Green (78%)
- Blue (79%)



- Red (80%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2693, 0.3136, 0.3266 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 58.2693, 0.3136, 0.3266 by changing the saturation by 10% instead.

■ 58.2693, 0.3136,
0.3266

■ 58.2693, 0.3136,
0.3266

418.1887, 0.3132,
0.3278

■ 42.0252, 0.3137,
0.3263

102.3149, 0.3135,
0.3270

■ 29.1210, 0.3138,
0.3260

130.8852, 0.3134,
0.3272

■ 19.1724, 0.3140,
0.3255

164.3330, 0.3133,
0.3273

■ 11.7949, 0.3142,
0.3249

203.0428, 0.3133,
0.3274

■ 6.6042, 0.3145,
0.3240

247.3988, 0.3133,
0.3275

■ 3.2158, 0.3150,
0.3227

297.7855, 0.3132,

■ 1.2454, 0.3158,

0.3276

354.5873, 0.3132,
0.3277

0.3204

0.0983, 0.3379,
0.2593

0.0000, 0.0000,
0.0000

58.2693, 0.3136,
0.3266

58.2693, 0.3136,
0.3266

49.1757, 0.3202,
0.3100

68.6302, 0.3081,
0.3423

41.2929, 0.3279,
0.2927

80.2971, 0.3035,
0.3569

34.5710, 0.3369,
0.2752

89.4926, 0.2996,
0.3644

28.9542, 0.3473,
0.2580

89.8564, 0.2960,
0.3571

■ 24.3817, 0.3590,
0.2419

■ 90.2345, 0.2925,
0.3498

■ 20.7869, 0.3719,
0.2281

■ 90.6269, 0.2889,
0.3427

■ 18.0956, 0.3857,
0.2175

■ 91.0339, 0.2855,
0.3356

■ 16.2226, 0.4000,
0.2112

■ 91.4393, 0.2822,
0.3289

■ 15.0665, 0.4142,
0.2099

Harmonies

Analogous

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



58.2693, 0.3115, 0.3257



58.2693, 0.3136, 0.3266



58.2693, 0.3154, 0.3282

Triad

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



58.2693, 0.3136, 0.3266



58.2693, 0.3156, 0.3324



58.2693, 0.3089, 0.3280

Complementary

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



58.2693, 0.3136, 0.3266



59.2166, 0.3118, 0.3314

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.



58.2693, 0.3100, 0.3299



58.2693, 0.3136, 0.3266



58.2693, 0.3139, 0.3324

Square

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



58.2693, 0.3136, 0.3266



58.2693, 0.3166, 0.3315



58.2693, 0.3118, 0.3315



58.2693, 0.3089, 0.3265

Rectangle

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



58.2693, 0.3136, 0.3266



58.2693, 0.3163, 0.3294



58.2693, 0.3118, 0.3315



58.2693, 0.3092, 0.3286

Sweetspot

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



58.2718, 0.3136, 0.3266

100.0000, 0.3127, 0.3290



58.0307, 0.3113, 0.3254



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



58.2718, 0.3136, 0.3266



96.6819, 0.3139, 0.3257



58.2021, 0.3147, 0.3284



12.8775, 0.3138, 0.3260



9.2373, 0.4242, 0.2110



0.4902, 0.3991, 0.1972

Inverse Universe

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



58.2718, 0.3136, 0.3266



96.6819, 0.3139, 0.3257



59.2865, 0.3108, 0.3297



12.8775, 0.3138, 0.3260



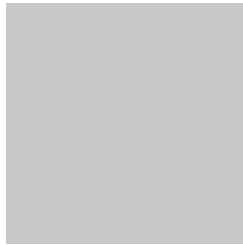
9.2373, 0.4242, 0.2110



0.4902, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 58.2693, 0.3136, 0.3266 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 58.2693, 0.3136, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

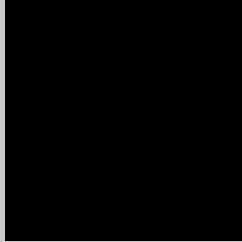
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

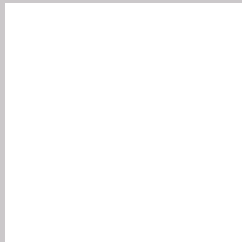
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2693, 0.3136, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 58.2693, 0.3136, 0.3266.

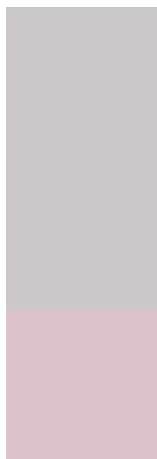


This preview shows how white text looks on a background with the Yxy color 58.2693, 0.3136, 0.3266.

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

58.2693, 0.3136, 0.3266

Protanopia

58.4102, 0.3144, 0.3267

Deuteranopia

57.9554, 0.3261, 0.3188



Tritanopia

58.2223, 0.3066, 0.3104

Trichromacy



Original Color

58.2693, 0.3136, 0.3266

Protanomaly

58.4102, 0.3144, 0.3267

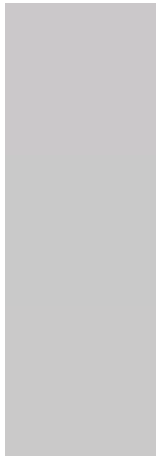
Deuteranomaly

57.9378, 0.3211, 0.3209

Tritanomaly

58.3374, 0.3087, 0.3161

Monochromacy



Original Color

58.2693, 0.3136, 0.3266

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5469, 0.3135, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2693, 0.3136, 0.3266 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(203, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 202)  
}
```

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(203, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 202) }
```

Border

The CSS property to change the border of an element to Yxy 58.2693, 0.3136, 0.3266 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(203, 200, 202) }
```

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

```
.border{ border-color:rgb(203, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
202) }
```

Background

The CSS property to change the background color of an element to Yxy 58.2693, 0.3136, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 202) }
```

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

```
.background{ background-color: rgb(203,  
200, 202) }
```

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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