

Converting Colors

$Yxy(58.1168, 0.3183, 0.3328)$

Have a look what the booklet for
Yxy(58.1168, 0.3183, 0.3328)
contains.

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Color

Yxy(58.1771, 0.3180, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	CCC8C5
RGB	204, 200, 197
RGB Percent	80%, 78%, 77%
CMY	0.2002, 0.2156, 0.2275
CMYK	0.00, 0.02, 0.03, 0.20
HSL	26°, 6%, 79%
HSV	26°, 3%, 80%
XYZ	55.6233, 58.1771, 61.1157
YIQ	200.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

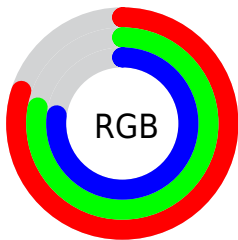
Format	Color
R_{YB}	204, 202, 197
Decimal	13420741
CIE Lab	80.84, 0.82, 1.98
CIE LCh	81, 2.146, 67.450
Yxy	58.1771, 0.3180, 0.3326
Android (android.graphics.Color)	4291610821 (0xFFCCC8C5)
YUV	200.8540, -1.9000, 2.7590
Hunter-Lab	76.2739, -3.3069, 5.8847

Details

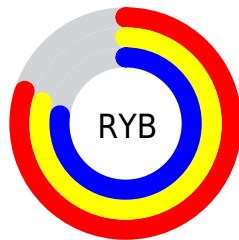
The Yxy color **58.1771, 0.3180, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9645, 0.3075, 0.3254**, and the grayscale version is **58.3212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **29.0250, 0.3198, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **52.1692, 0.3351, 0.3436**, and if you desaturate by 10%, it is **64.7187, 0.3032, 0.3223**.

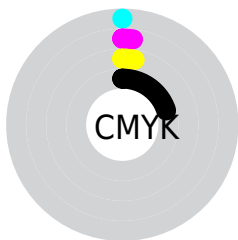
Distribution



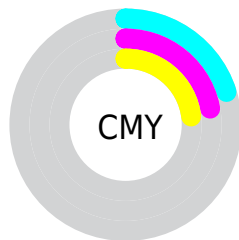
- Red (80%)
- Green (78%)
- Blue (77%)



- Red (80%)
- Yellow (79%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1771, 0.3180, 0.3326 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 58.1771, 0.3180, 0.3326 by changing the saturation by 10% instead.

■ 58.1771, 0.3180,
0.3326

■ 58.1771, 0.3180,
0.3326

417.8455, 0.3155,
0.3309

■ 41.9510, 0.3186,
0.3330

102.1807, 0.3171,
0.3320

■ 29.0630, 0.3194,
0.3335

130.7271, 0.3168,
0.3318

■ 19.1285, 0.3204,
0.3342

164.1490, 0.3165,
0.3316

■ 11.7631, 0.3217,
0.3351

202.8308, 0.3162,
0.3314

■ 6.5826, 0.3237,
0.3364

247.1570, 0.3160,
0.3312

■ 3.2025, 0.3266,
0.3384

297.5119, 0.3158,

■ 1.2383, 0.3319,

0.3311

354.2799, 0.3156,
0.3310

0.3418

0.0927, 0.5386,
0.4614

0.0000, 0.0000,
0.0000

58.1771, 0.3180,
0.3326

58.1771, 0.3180,
0.3326

52.1692, 0.3351,
0.3436

64.7187, 0.3032,
0.3223

46.6736, 0.3549,
0.3552

71.7998, 0.2905,
0.3128

41.6783, 0.3775,
0.3671

79.2293, 0.2813,
0.3073

37.1681, 0.4030,
0.3787

86.0260, 0.2821,
0.3196

■ 33.1270, 0.4311,
0.3892

■ 91.5706, 0.2827,
0.3289

■ 29.5376, 0.4611,
0.3977

■ 26.3817, 0.4917,
0.4028

■ 23.6391, 0.5207,
0.4033

■ 21.2871, 0.5461,
0.3984

Harmonies

Analogous

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



58.1771, 0.3180, 0.3305



58.1771, 0.3180, 0.3326



58.1771, 0.3166, 0.3337

Triad

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



58.1771, 0.3180, 0.3326



58.1771, 0.3089, 0.3300



58.1771, 0.3113, 0.3245

Complementary

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



58.1771, 0.3180, 0.3326



57.9645, 0.3075, 0.3254

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.



58.1771, 0.3089, 0.3243



58.1771, 0.3180, 0.3326



58.1771, 0.3075, 0.3275

Square

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



58.1771, 0.3180, 0.3326



58.1771, 0.3113, 0.3322



58.1771, 0.3075, 0.3254



58.1771, 0.3141, 0.3258

Rectangle

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



58.1771, 0.3180, 0.3326



58.1771, 0.3150, 0.3338



58.1771, 0.3075, 0.3254



58.1771, 0.3104, 0.3243

Sweetspot

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



58.1796, 0.3180, 0.3326



98.9212, 0.3143, 0.3301



56.9738, 0.3153, 0.3243



21.1846, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



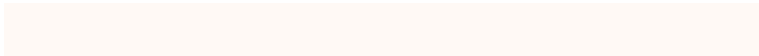
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1796, 0.3180, 0.3326



95.7390, 0.3190, 0.3333



59.8042, 0.3177, 0.3367



12.6322, 0.3201, 0.3340



12.7302, 0.5583, 0.3949



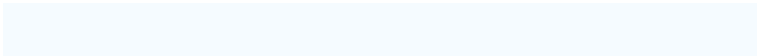
0.8067, 0.5246, 0.4217

Inverse Universe

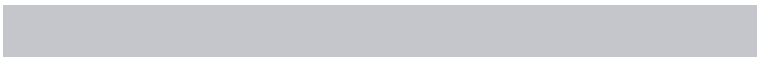
The Inverse Universe completely reimagines the original color for something new.



57.9645, 0.3075, 0.3254



95.3175, 0.3066, 0.3247



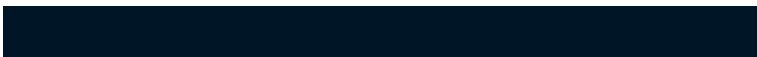
56.3668, 0.3076, 0.3212



12.5676, 0.3056, 0.3240



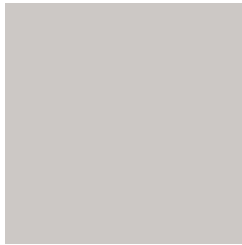
10.6839, 0.1837, 0.1812



0.7005, 0.1925, 0.2129

Previews

White Background



This preview shows how the Yxy color 58.1771, 0.3180, 0.3326 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 58.1771, 0.3180, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

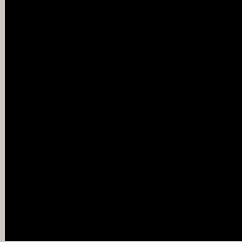
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

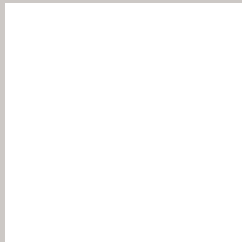
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1771, 0.3180, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 58.1771, 0.3180, 0.3326.

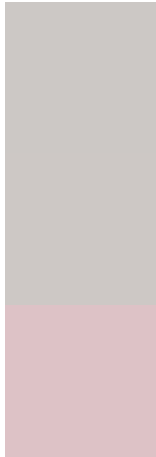


This preview shows how white text looks on a background with the Yxy color 58.1771, 0.3180, 0.3326.

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

58.1771, 0.3180, 0.3326

Protanopia

58.3189, 0.3188, 0.3326

Deuteranopia

58.0329, 0.3316, 0.3245



Tritanopia

58.3141, 0.3081, 0.3116

Trichromacy



Original Color

58.1771, 0.3180, 0.3326

Protanomaly

58.3189, 0.3188, 0.3326

Deuteranomaly

58.0041, 0.3265, 0.3267

Tritanomaly

58.3310, 0.3116, 0.3196

Monochromacy



Original Color

58.1771, 0.3180, 0.3326

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5000, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1771, 0.3180, 0.3326 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(204, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 197)  
}
```

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(204, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.1771, 0.3180, 0.3326 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(204, 200, 197) }
```

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

```
.border{ border-color:rgb(204, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1771, 0.3180, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 197) }
```

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

```
.background{ background-color: rgb(204,  
200, 197) }
```

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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