

Converting Colors

$Yxy(58.1267, 0.3288, 0.3420)$

Have a look what the booklet for
Yxy(58.1267, 0.3288, 0.3420)
contains.

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Color

Yxy(58.0330, 0.3289, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7BC
RGB	209, 199, 188
RGB Percent	82%, 78%, 74%
CMY	0.1801, 0.2197, 0.2627
CMYK	0.00, 0.05, 0.10, 0.18
HSL	31°, 19%, 78%
HSV	31°, 10%, 82%
XYZ	55.8101, 58.0330, 55.8440
YIQ	200.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

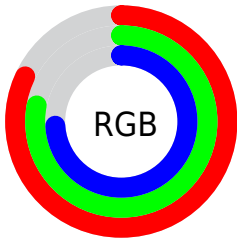
Format	Color
RYB	207, 209, 188
Decimal	13748156
CIELab	80.76, 1.64, 6.73
CIELCh	81, 6.927, 76.343
Yxy	58.0330, 0.3289, 0.3420
Android (android.graphics.Color)	4291938236 (0xFFD1C7BC)
YUV	200.7360, -6.2788, 7.2475
Hunter-Lab	76.1794, -2.5423, 9.8625

Details

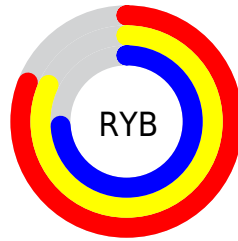
The Yxy color **58.0330, 0.3289, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7333, 0.2972, 0.3157**, and the grayscale version is **58.2786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **28.9686, 0.3334, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **52.7407, 0.3472, 0.3556**, and if you desaturate by 10%, it is **63.7643, 0.3128, 0.3291**.

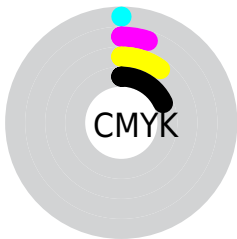
Distribution



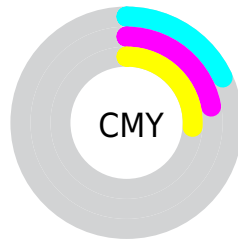
- Red (82%)
- Green (78%)
- Blue (74%)



- Red (81%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0330, 0.3289, 0.3420 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 58.0330, 0.3289, 0.3420 by changing the saturation by 10% instead.

 58.0330, 0.3289,
0.3420

 58.0330, 0.3289,
0.3420


417.3089, 0.3211,
0.3358

 41.8352, 0.3308,
0.3435


 101.9709, 0.3261,
0.3398

 28.9723, 0.3331,
0.3453


130.4798, 0.3251,
0.3389

 19.0598, 0.3362,
0.3478


163.8612, 0.3242,
0.3382

 11.7135, 0.3404,
0.3510

202.4994, 0.3234,
0.3376

 6.5489, 0.3463,
0.3556

246.7789, 0.3227,
0.3371

 3.1816, 0.3555,
0.3626

297.0840, 0.3221,

 1.2273, 0.3721,

0.3366

0.3753

353.7992, 0.3216,
0.3361

0.0838, 0.5879,
0.4121

0.0000, 0.0000,
0.0000

58.0330, 0.3289,
0.3420

58.0330, 0.3289,
0.3420

52.7407, 0.3472,
0.3556

63.7643, 0.3128,
0.3291

47.8685, 0.3678,
0.3696

69.9378, 0.2988,
0.3170

43.4068, 0.3907,
0.3836

76.5665, 0.2865,
0.3059

39.3430, 0.4156,
0.3967

82.5419, 0.2846,
0.3122

■ 35.6638, 0.4419,
0.4080

■ 88.5705, 0.2852,
0.3228

■ 32.3545, 0.4685,
0.4162

■ 92.3052, 0.2855,
0.3289

■ 29.3993, 0.4939,
0.4202

■ 26.7805, 0.5166,
0.4189

■ 24.4861, 0.5357,
0.4128

Harmonies

Analogous

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



58.0330, 0.3304, 0.3359



58.0330, 0.3289, 0.3420



58.0330, 0.3231, 0.3447

Triad

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



58.0330, 0.3289, 0.3420



58.0330, 0.2986, 0.3297



58.0330, 0.3107, 0.3154

Complementary

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



58.0330, 0.3289, 0.3420



55.7333, 0.2972, 0.3157

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.



58.0330, 0.3023, 0.3137



58.0330, 0.3289, 0.3420



58.0330, 0.2954, 0.3217

Square

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



58.0330, 0.3289, 0.3420



58.0330, 0.3056, 0.3376



58.0330, 0.2968, 0.3159



58.0330, 0.3198, 0.3207

Rectangle

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



58.0330, 0.3289, 0.3420



58.0330, 0.3175, 0.3441



58.0330, 0.2968, 0.3159



58.0330, 0.3077, 0.3144

Sweetspot

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



58.0355, 0.3289, 0.3420



97.2013, 0.3174, 0.3328



53.6236, 0.3223, 0.3170



20.6473, 0.3186, 0.3339



0.0000, 0.0000, 0.0000



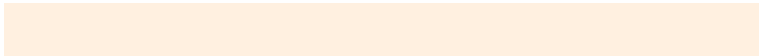
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0355, 0.3289, 0.3420



89.1855, 0.3325, 0.3448



62.7795, 0.3273, 0.3536



12.8127, 0.3278, 0.3411



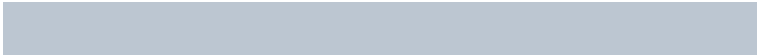
15.2854, 0.5336, 0.4145



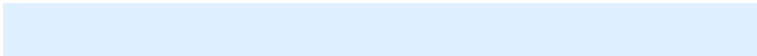
1.0131, 0.5071, 0.4356

Inverse Universe

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



55.7333, 0.2972, 0.3157



84.8980, 0.2939, 0.3127



51.3170, 0.2974, 0.3032



12.3386, 0.2982, 0.3166



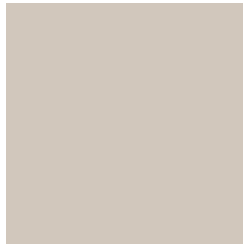
8.6664, 0.1756, 0.1520



0.6431, 0.1851, 0.1863

Previews

White Background



This preview shows how the Yxy color 58.0330, 0.3289, 0.3420 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 58.0330, 0.3289, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

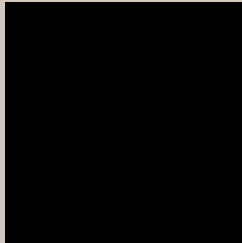
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

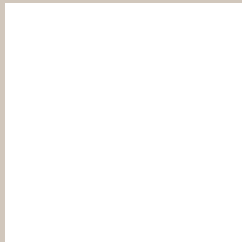
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0330, 0.3289, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 58.0330, 0.3289, 0.3420.

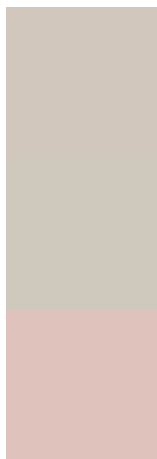


This preview shows how white text looks on a background with the Yxy color 58.0330, 0.3289, 0.3420.

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

58.0330, 0.3289, 0.3420

Protanopia

58.2048, 0.3271, 0.3433

Deuteranopia

58.1050, 0.3412, 0.3348



Tritanopia

58.1801, 0.3143, 0.3118

Trichromacy



Original Color

58.0330, 0.3289, 0.3420

Protanomaly

58.3493, 0.3279, 0.3432

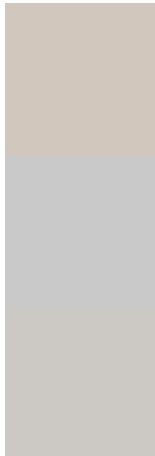
Deuteranomaly

58.2140, 0.3367, 0.3371

Tritanomaly

58.0932, 0.3194, 0.3221

Monochromacy



Original Color

58.0330, 0.3289, 0.3420

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1314, 0.3188, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0330, 0.3289, 0.3420 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(209, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 188)  
}
```

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(209, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 188) }
```

Border

The CSS property to change the border of an element to Yxy 58.0330, 0.3289, 0.3420 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(209, 199, 188) }
```

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

```
.border{ border-color:rgb(209, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 199, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 199, 188); box-shadow:4px 4px 4px 4px rgb(209, 199, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0330, 0.3289, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 188) }
```

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

```
.background{ background-color: rgb(209,  
199, 188) }
```

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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