

Converting Colors

Yxy(58.2131, 0.3284, 0.3494)

Have a look what the booklet for
Yxy(58.2131, 0.3284, 0.3494)
contains.

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Color

Yxy(58.2131, 0.3284, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9B8
RGB	205, 201, 184
RGB Percent	80%, 79%, 72%
CMY	0.1960, 0.2117, 0.2786
CMYK	0.00, 0.02, 0.10, 0.20
HSL	49°, 17%, 76%
HSV	49°, 10%, 80%
XYZ	54.7143, 58.2131, 53.6813
YIQ	200.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

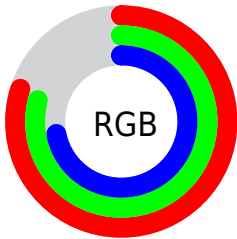
Format	Color
R _Y B	189, 205, 184
Decimal	13486520
CIE Lab	80.86, -1.55, 9.00
CIE LCh	81, 9.130, 99.798
Yxy	58.2131, 0.3284, 0.3494
Android (android.graphics.Color)	4291676600 (0xFFC9DC9B8)
YUV	200.2580, -8.0152, 4.1587
Hunter-Lab	76.2975, -5.5151, 11.6930

Details

The Yxy color **58.2131, 0.3284, 0.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5496, 0.2968, 0.3077**, and the grayscale version is **57.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **29.0854, 0.3327, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **55.6210, 0.3448, 0.3700**, and if you desaturate by 10%, it is **60.9811, 0.3131, 0.3295**.

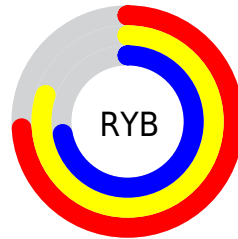
Distribution



Red (80%)

Green (79%)

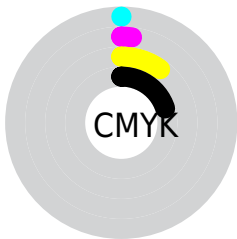
Blue (72%)



Red (74%)

Yellow (80%)

Blue (72%)

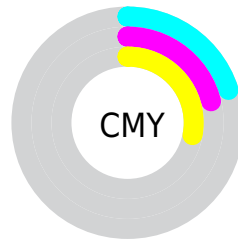


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2131, 0.3284, 0.3494 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 58.2131, 0.3284, 0.3494 by changing the saturation by 10% instead.

■ 58.2131, 0.3284,
0.3494

■ 58.2131, 0.3284,
0.3494

417.9795, 0.3209,
0.3395

■ 41.9800, 0.3302,
0.3518

■ 102.2331, 0.3257,
0.3459

■ 29.0856, 0.3325,
0.3547

130.7888, 0.3247,
0.3446

■ 19.1456, 0.3354,
0.3586

164.2208, 0.3238,
0.3434

■ 11.7755, 0.3393,
0.3639

202.9136, 0.3231,
0.3424

■ 6.5910, 0.3449,
0.3714

247.2514, 0.3224,
0.3416

■ 3.2077, 0.3534,
0.3829

297.6187, 0.3218,

■ 1.2411, 0.3710,

0.3408

0.4064

354.4000, 0.3213,
0.3401

0.0949, 0.3551,
0.6449

0.0000, 0.0000,
0.0000

58.2131, 0.3284,
0.3494

58.2131, 0.3284,
0.3494

55.6210, 0.3448,
0.3700

60.9811, 0.3131,
0.3295

53.1915, 0.3619,
0.3909

63.9227, 0.2990,
0.3107

50.9211, 0.3794,
0.4112

67.0455, 0.2861,
0.2931

48.8033, 0.3968,
0.4303

69.6274, 0.2807,
0.2877

46.8308, 0.4134,
0.4470

71.6583, 0.2810,
0.2920

44.9959, 0.4283,
0.4603

73.7369, 0.2812,
0.2963

43.2895, 0.4409,
0.4695

75.8638, 0.2815,
0.3005

41.7010, 0.4507,
0.4741

78.0391, 0.2818,
0.3048

40.2490, 0.4578,
0.4747

80.2633, 0.2820,
0.3090

Harmonies

Analogous

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



58.2131, 0.3350, 0.3446



58.2131, 0.3284, 0.3494



58.2131, 0.3176, 0.3486

Triad

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



58.2131, 0.3284, 0.3494



58.2131, 0.2904, 0.3215



58.2131, 0.3195, 0.3163

Complementary

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



58.2131, 0.3284, 0.3494



50.5496, 0.2968, 0.3077

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.



58.2131, 0.3075, 0.3103



58.2131, 0.3284, 0.3494



58.2131, 0.2909, 0.3131

Square

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



58.2131, 0.3284, 0.3494



58.2131, 0.2958, 0.3322



58.2131, 0.2970, 0.3091



58.2131, 0.3298, 0.3255

Rectangle

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



58.2131, 0.3284, 0.3494



58.2131, 0.3096, 0.3449



58.2131, 0.2970, 0.3091



58.2131, 0.3155, 0.3138

Sweetspot

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



58.2157, 0.3284, 0.3494



98.5915, 0.3172, 0.3349



50.8867, 0.3273, 0.3239



21.0230, 0.3185, 0.3365



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.



58.2157, 0.3284, 0.3494



94.5235, 0.3314, 0.3533



59.2278, 0.3229, 0.3544



12.7196, 0.3270, 0.3476



25.1859, 0.4571, 0.4752



1.3952, 0.4485, 0.4821

Inverse Universe

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



50.5496, 0.2968, 0.3077



79.8499, 0.2937, 0.3035



49.6592, 0.3018, 0.3031



11.1838, 0.2982, 0.3097



3.7529, 0.1553, 0.0792



0.2996, 0.1651, 0.1142

Previews

White Background



This preview shows how the Yxy color 58.2131, 0.3284, 0.3494 looks on a white background.

Color Contrast Check

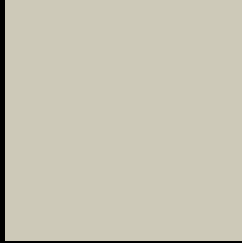
Large Text (above 18pt) WCAG AA × Fail

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 58.2131, 0.3284, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

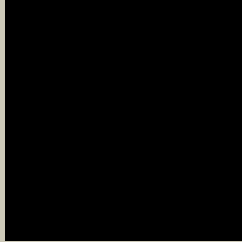
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

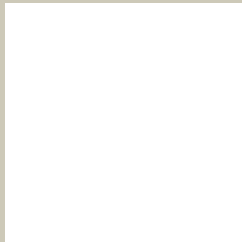
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2131, 0.3284, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 58.2131, 0.3284, 0.3494.



This preview shows how white text looks on a background with the Yxy color 58.2131, 0.3284, 0.3494.

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

58.2131, 0.3284, 0.3494

Protanopia

58.1373, 0.3317, 0.3493

Deuteranopia

58.2551, 0.3461, 0.3393



Tritanopia

58.2413, 0.3112, 0.3117

Trichromacy



Original Color

58.2131, 0.3284, 0.3494

Protanomaly

57.9928, 0.3309, 0.3493

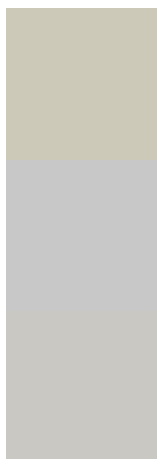
Deuteranomaly

58.3407, 0.3388, 0.3430

Tritanomaly

58.0623, 0.3177, 0.3243

Monochromacy



Original Color

58.2131, 0.3284, 0.3494

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7602, 0.3187, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2131, 0.3284, 0.3494 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(205, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 184)  
}
```

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(205, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 184) }
```

Border

The CSS property to change the border of an element to Yxy 58.2131, 0.3284, 0.3494 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(205, 201, 184) }
```

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

```
.border{ border-color:rgb(205, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 201, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 201, 184); box-shadow:4px 4px 4px 4px rgb(205, 201, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2131, 0.3284, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 184) }
```

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

```
.background{ background-color: rgb(205,  
201, 184) }
```

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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