

Converting Colors

$Yxy(58.7208, 0.3343, 0.3577)$

Have a look what the booklet for
Yxy(58.7208, 0.3343, 0.3577)
contains.

Yxy(58.7208, 0.3343, 0.3577)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7208, 0.3343, 0.3577)

Conversions

Conversions Part 1

Format	Color
Hex	CFCAB2
RGB	207, 202, 178
RGB Percent	81%, 79%, 70%
CMY	0.1884, 0.2078, 0.3019
CMYK	0.00, 0.02, 0.14, 0.19
HSL	50°, 23%, 75%
HSV	50°, 14%, 81%
XYZ	54.8794, 58.7208, 50.5619
YIQ	200.7590, 10.6840, -6.4040

Conversions

Conversions Part 2

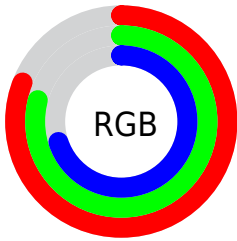
Format	Color
RYB	184, 207, 178
Decimal	13617842
CIELab	81.14, -2.35, 12.60
CIElCh	81, 12.819, 100.545
Yxy	58.7208, 0.3343, 0.3577
Android (android.graphics.Color)	4291807922 (0xFFCFCAB2)
YUV	200.7590, -11.2202, 5.4734
Hunter-Lab	76.6295, -6.2661, 14.5197

Details

The Yxy color **58.7208, 0.3343, 0.3577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8106, 0.2906, 0.2986**, and the grayscale version is **58.3154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **29.4328, 0.3407, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **56.3162, 0.3508, 0.3789**, and if you desaturate by 10%, it is **61.2939, 0.3187, 0.3370**.

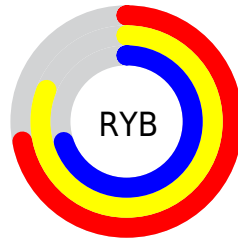
Distribution



Red (81%)

Green (79%)

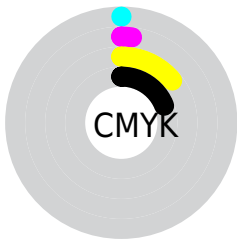
Blue (70%)



Red (72%)

Yellow (81%)

Blue (70%)

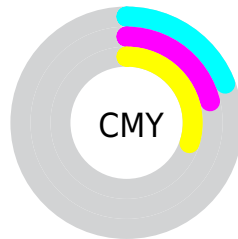


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (21%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7208, 0.3343, 0.3577 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 58.7208, 0.3343, 0.3577 by changing the saturation by 10% instead.


 58.7208, 0.3343,
0.3577

 58.7208, 0.3343,
0.3577

419.8665, 0.3240,
0.3438

 42.3884, 0.3367,
0.3610


 102.9718, 0.3306,
0.3528

 29.4055, 0.3398,
0.3652


131.6591, 0.3292,
0.3509

 19.3878, 0.3438,
0.3706


165.2336, 0.3280,
0.3493

 11.9508, 0.3491,
0.3780

204.0796, 0.3270,
0.3479

 6.7102, 0.3565,
0.3884

248.5815, 0.3261,
0.3467

 3.2815, 0.3676,
0.4043

299.1236, 0.3253,

 1.2804, 0.3967,

0.3456

0.4435

356.0905, 0.3246,
0.3447

0.1260, 0.3315,
0.6685

0.0000, 0.0000,
0.0000

58.7208, 0.3343,
0.3577

58.7208, 0.3343,
0.3577

56.3162, 0.3508,
0.3789

61.2939, 0.3187,
0.3370

54.0664, 0.3679,
0.4001

64.0332, 0.3041,
0.3173

51.9678, 0.3851,
0.4205

66.9466, 0.2907,
0.2987

50.0136, 0.4018,
0.4391

69.6606, 0.2819,
0.2873

■ 48.1964, 0.4172,
0.4550

■ 71.4900, 0.2822,
0.2912

■ 46.5076, 0.4306,
0.4671

■ 73.3585, 0.2824,
0.2950

■ 44.9379, 0.4415,
0.4748

■ 75.2664, 0.2826,
0.2989

■ 43.4754, 0.4495,
0.4780

■ 77.2138, 0.2828,
0.3027

■ 42.6360, 0.4533,
0.4783

■ 79.2011, 0.2830,
0.3065

Harmonies

Analogous

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



58.7208, 0.3439, 0.3509



58.7208, 0.3343, 0.3577



58.7208, 0.3191, 0.3566

Triad

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



58.7208, 0.3343, 0.3577



58.7208, 0.2816, 0.3179



58.7208, 0.3225, 0.3116

Complementary

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



58.7208, 0.3343, 0.3577



47.8106, 0.2906, 0.2986

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.



58.7208, 0.3057, 0.3032



58.7208, 0.3343, 0.3577



58.7208, 0.2824, 0.3064

Square

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



58.7208, 0.3343, 0.3577



58.7208, 0.2888, 0.3331



58.7208, 0.2911, 0.3012



58.7208, 0.3370, 0.3244

Rectangle

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



58.7208, 0.3343, 0.3577



58.7208, 0.3079, 0.3513



58.7208, 0.2911, 0.3012



58.7208, 0.3170, 0.3082

Sweetspot

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



58.7234, 0.3343, 0.3577



98.2555, 0.3187, 0.3371



48.5329, 0.3338, 0.3226



20.9616, 0.3199, 0.3387



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.



58.7234, 0.3343, 0.3577



92.8894, 0.3395, 0.3645



59.7959, 0.3262, 0.3642



13.4402, 0.3270, 0.3481



26.9970, 0.4527, 0.4787



1.6024, 0.4456, 0.4844

Inverse Universe

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



47.8106, 0.2906, 0.2986



71.8504, 0.2851, 0.2908



46.9312, 0.2979, 0.2930



11.7389, 0.2982, 0.3091



3.7025, 0.1544, 0.0760



0.3097, 0.1631, 0.1069

Previews

White Background



This preview shows how the Yxy color 58.7208, 0.3343, 0.3577 looks on a white background.

Color Contrast Check

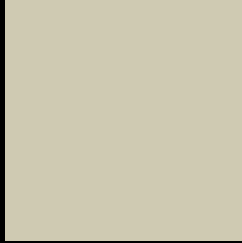
Large Text (above 18pt) WCAG AA × Fail

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 58.7208, 0.3343, 0.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

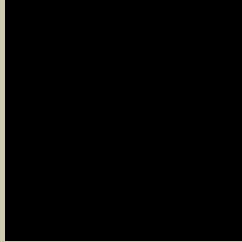
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

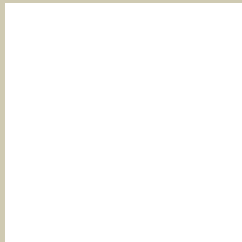
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7208, 0.3343, 0.3577

Background



This preview shows how black text looks on a background with the Yxy color 58.7208, 0.3343, 0.3577.



This preview shows how white text looks on a background with the Yxy color 58.7208, 0.3343, 0.3577.

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

58.7208, 0.3343, 0.3577

Protanopia

58.7965, 0.3385, 0.3574

Deuteranopia

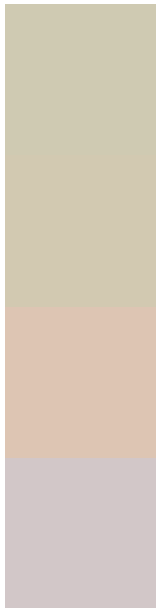
58.5369, 0.3526, 0.3449



Tritanopia

58.7336, 0.3128, 0.3107

Trichromacy



Original Color

58.7208, 0.3343, 0.3577

Protanomaly

58.6493, 0.3377, 0.3575

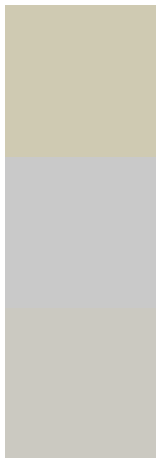
Deuteranomaly

58.5593, 0.3461, 0.3499

Tritanomaly

58.7186, 0.3206, 0.3279

Monochromacy



Original Color

58.7208, 0.3343, 0.3577

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3201, 0.3201, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7208, 0.3343, 0.3577 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(207, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 178)  
}
```

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(207, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.7208, 0.3343, 0.3577 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(207, 202, 178) }
```

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

```
.border{ border-color:rgb(207, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 202, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 202, 178); box-shadow:4px 4px 4px 4px rgb(207, 202, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7208, 0.3343, 0.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 178) }
```

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

```
.background{ background-color: rgb(207,  
202, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor