

Converting Colors

$Yxy(58.9603, 0.3426, 0.3482)$

Have a look what the booklet for
Yxy(58.9603, 0.3426, 0.3482)
contains.

Yxy(58.9812, 0.3427, 0.3475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.9812, 0.3427, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	DCC6B6
RGB	220, 198, 182
RGB Percent	86%, 78%, 71%
CMY	0.1370, 0.2236, 0.2862
CMYK	0.00, 0.10, 0.17, 0.14
HSL	25°, 35%, 79%
HSV	25°, 17%, 86%
XYZ	58.1665, 58.9812, 52.5824
YIQ	202.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

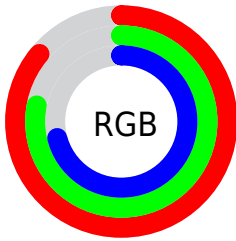
Format	Color
R _Y B	220, 210, 182
Decimal	14468790
CIE Lab	81.28, 5.19, 10.81
CIE LCh	81, 11.994, 64.371
Yxy	58.9812, 0.3427, 0.3475
Android (android.graphics.Color)	4292658870 (0xFFDCC6B6)
YUV	202.7540, -10.2317, 15.1247
Hunter-Lab	76.7992, 0.7944, 13.1652

Details

The Yxy color **58.9812, 0.3427, 0.3475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3444, 0.2858, 0.3098**, and the grayscale version is **59.6211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **29.5308, 0.3510, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **52.5518, 0.3638, 0.3589**, and if you desaturate by 10%, it is **66.0509, 0.3244, 0.3366**.

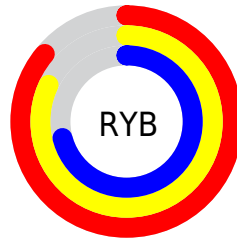
Distribution



Red (86%)

Green (78%)

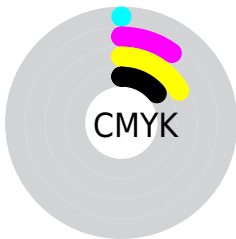
Blue (71%)



Red (86%)

Yellow (82%)

Blue (71%)

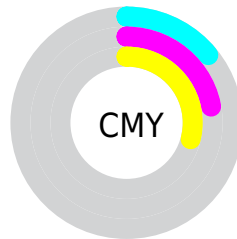


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9812, 0.3427, 0.3475 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 58.9812, 0.3427, 0.3475 by changing the saturation by 10% instead.


 58.9812, 0.3427,
0.3475

 58.9812, 0.3427,
0.3475


420.8322, 0.3282,
0.3388

 42.5980, 0.3462,
0.3495


 103.3503, 0.3376,
0.3444

 29.5698, 0.3505,
0.3521


132.1051, 0.3356,
0.3432

 19.5123, 0.3562,
0.3553


165.7524, 0.3339,
0.3422

 12.0410, 0.3638,
0.3596

204.6767, 0.3325,
0.3414

 6.7716, 0.3747,
0.3656

249.2625, 0.3312,
0.3406

 3.3197, 0.3913,
0.3742

299.8941, 0.3301,

 1.3008, 0.4249,

0.3399

0.3928

356.9559, 0.3291,
0.3393

0.1418, 0.6483,
0.3517

0.0000, 0.0000,
0.0000

58.9812, 0.3427,
0.3475

58.9812, 0.3427,
0.3475

52.5518, 0.3638,
0.3589

66.0509, 0.3244,
0.3366

46.7360, 0.3880,
0.3704

73.7709, 0.3087,
0.3263

41.5168, 0.4152,
0.3813

82.1609, 0.2952,
0.3168

36.8732, 0.4449,
0.3909

90.2305, 0.2916,
0.3229

■ 32.7828, 0.4762,
0.3978

■ 93.9645, 0.2918,
0.3289

■ 29.2215, 0.5073,
0.4007

■ 26.1626, 0.5359,
0.3987

■ 23.5747, 0.5599,
0.3913

■ 22.9446, 0.5659,
0.3889

Harmonies

Analogous

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



58.9812, 0.3419, 0.3354



58.9812, 0.3427, 0.3475



58.9812, 0.3353, 0.3551

Triad

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



58.9812, 0.3427, 0.3475



58.9812, 0.2926, 0.3358



58.9812, 0.3031, 0.3039

Complementary

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



58.9812, 0.3427, 0.3475



58.3444, 0.2858, 0.3098

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.



58.9812, 0.2903, 0.3034



58.9812, 0.3427, 0.3475



58.9812, 0.2844, 0.3215

Square

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



58.9812, 0.3427, 0.3475



58.9812, 0.3062, 0.3485



58.9812, 0.2836, 0.3097



58.9812, 0.3187, 0.3107

Rectangle

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



58.9812, 0.3427, 0.3475



58.9812, 0.3268, 0.3563



58.9812, 0.2836, 0.3097



58.9812, 0.2983, 0.3030

Sweetspot

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



58.9838, 0.3427, 0.3475



94.5764, 0.3207, 0.3342



53.0563, 0.3273, 0.3037



20.0841, 0.3218, 0.3349



0.0000, 0.0000, 0.0000



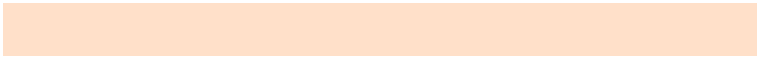
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9838, 0.3427, 0.3475



78.7720, 0.3506, 0.3519



68.1697, 0.3392, 0.3684



13.9453, 0.3281, 0.3389



13.6678, 0.5633, 0.3910



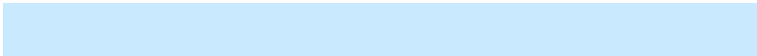
1.0534, 0.5343, 0.4140

Inverse Universe

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



58.3444, 0.2858, 0.3098



77.7063, 0.2797, 0.3049



49.8929, 0.2847, 0.2863



13.8658, 0.2982, 0.3189



12.2639, 0.1850, 0.1860



0.9635, 0.1921, 0.2116

Previews

White Background



This preview shows how the Yxy color 58.9812, 0.3427, 0.3475 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 58.9812, 0.3427, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

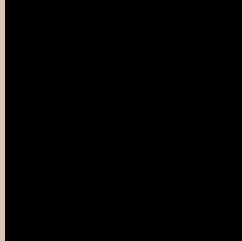
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9812, 0.3427, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 58.9812, 0.3427, 0.3475.



This preview shows how white text looks on a background with the Yxy color 58.9812, 0.3427, 0.3475.

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

58.9812, 0.3427, 0.3475

Protanopia

58.9356, 0.3324, 0.3491

Deuteranopia

59.1071, 0.3500, 0.3426



Tritanopia

59.0343, 0.3255, 0.3123

Trichromacy



Original Color

58.9812, 0.3427, 0.3475

Protanomaly

59.0236, 0.3366, 0.3489

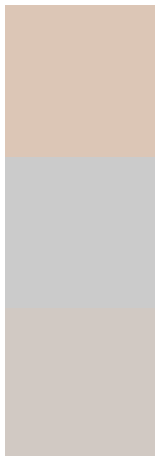
Deuteranomaly

59.0675, 0.3473, 0.3439

Tritanomaly

58.8417, 0.3323, 0.3245

Monochromacy



Original Color

58.9812, 0.3427, 0.3475

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2687, 0.3234, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9812, 0.3427, 0.3475 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(220, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 182)  
}
```

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(220, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 182) }
```

Border

The CSS property to change the border of an element to Yxy 58.9812, 0.3427, 0.3475 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(220, 198, 182) }
```

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

```
.border{ border-color:rgb(220, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 198, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 198, 182); box-shadow:4px 4px 4px 4px rgb(220, 198, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9812, 0.3427, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 182) }
```

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

```
.background{ background-color: rgb(220,  
198, 182) }
```

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