

Converting Colors

$Yxy(58.3378, 0.3517, 0.3564)$

Have a look what the booklet for
Yxy(58.3378, 0.3517, 0.3564)
contains.

Yxy(58.4792, 0.3516, 0.3568)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4792, 0.3516, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	DEC5AD
RGB	222, 197, 173
RGB Percent	87%, 77%, 68%
CMY	0.1295, 0.2274, 0.3215
CMYK	0.00, 0.11, 0.22, 0.13
HSL	29°, 43%, 77%
HSV	29°, 22%, 87%
XYZ	57.6269, 58.4792, 47.7930
YIQ	201.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

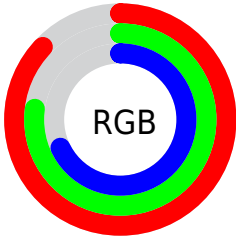
Format	Color
R _Y B	222, 220, 173
Decimal	14599597
CIE Lab	81.00, 5.06, 15.25
CIE LCh	81, 16.072, 71.633
Yxy	58.4792, 0.3516, 0.3568
Android (android.graphics.Color)	4292789677 (0xFFDEC5AD)
YUV	201.7390, -14.1683, 17.7689
Hunter-Lab	76.4717, 0.6871, 16.4754

Details

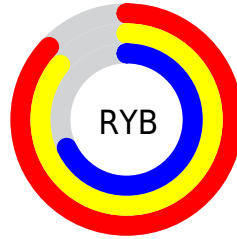
The Yxy color **58.4792, 0.3516, 0.3568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5319, 0.2779, 0.2995**, and the grayscale version is **58.9709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7451, 0.3287, 0.3543**, and **29.1324, 0.3611, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **52.7451, 0.3732, 0.3701**, and if you desaturate by 10%, it is **64.7471, 0.3325, 0.3438**.

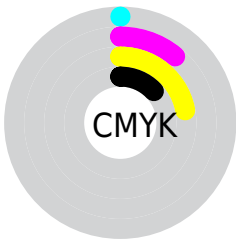
Distribution



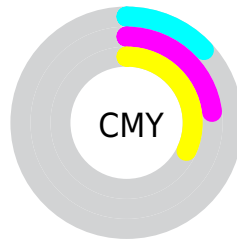
- Red (87%)
- Green (77%)
- Blue (68%)



- Red (87%)
- Yellow (86%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (13%)




- Cyan (13%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4792, 0.3516, 0.3568 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 58.4792, 0.3516, 0.3568 by changing the saturation by 10% instead.


 58.4792, 0.3516,
0.3568

 58.4792, 0.3516,
0.3568


418.9692, 0.3328,
0.3436

 42.1940, 0.3561,
0.3599

 102.6204, 0.3449,
0.3522

 29.2532, 0.3617,
0.3637


131.2451, 0.3424,
0.3504

 19.2725, 0.3690,
0.3686


164.7519, 0.3402,
0.3489

 11.8673, 0.3789,
0.3750


203.5250, 0.3383,
0.3476

 6.6534, 0.3928,
0.3837

247.9489, 0.3367,
0.3464

 3.2463, 0.4137,
0.3963

298.4080, 0.3352,

 1.2616, 0.4724,

0.3454

0.4374

355.2866, 0.3340,
0.3445

0.1112, 0.6734,
0.3266

0.0000, 0.0000,
0.0000

58.4792, 0.3516,
0.3568

58.4792, 0.3516,
0.3568

52.7451, 0.3732,
0.3701

64.7471, 0.3325,
0.3438

47.5213, 0.3973,
0.3832

71.5555, 0.3159,
0.3314

42.7941, 0.4236,
0.3954

78.9211, 0.3014,
0.3199

38.5462, 0.4514,
0.4054

86.4114, 0.2925,
0.3160

■ 34.7588, 0.4794,
0.4122

■ 93.3665, 0.2928,
0.3275

■ 31.4112, 0.5060,
0.4144

■ 94.2645, 0.2929,
0.3289

■ 28.4803, 0.5294,
0.4111

■ 26.4242, 0.5453,
0.4052

Harmonies

Analogous

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



58.4792, 0.3534, 0.3415



58.4792, 0.3516, 0.3568



58.4792, 0.3391, 0.3652

Triad

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



58.4792, 0.3516, 0.3568



58.4792, 0.2823, 0.3333



58.4792, 0.3046, 0.2971

Complementary

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



58.4792, 0.3516, 0.3568



54.5319, 0.2779, 0.2995

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.



58.4792, 0.2862, 0.2942



58.4792, 0.3516, 0.3568



58.4792, 0.2737, 0.3143

Square

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



58.4792, 0.3516, 0.3568



58.4792, 0.2990, 0.3517



58.4792, 0.2751, 0.3002



58.4792, 0.3257, 0.3078

Rectangle

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



58.4792, 0.3516, 0.3568



58.4792, 0.3267, 0.3654



58.4792, 0.2751, 0.3002



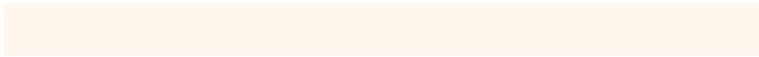
58.4792, 0.2979, 0.2952

Sweetspot

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



58.4818, 0.3516, 0.3568



93.2347, 0.3239, 0.3375



49.5093, 0.3350, 0.3000



19.8350, 0.3249, 0.3383



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.



58.4818, 0.3516, 0.3568



76.7423, 0.3602, 0.3623



70.3353, 0.3460, 0.3830



14.8045, 0.3280, 0.3405



15.9219, 0.5430, 0.4070



1.2825, 0.5190, 0.4261

Inverse Universe

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



54.5319, 0.2779, 0.2995



70.5064, 0.2712, 0.2932



44.3656, 0.2757, 0.2687



14.3926, 0.2981, 0.3172



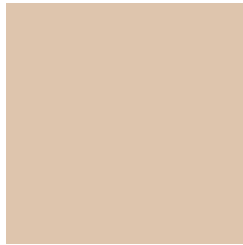
10.3923, 0.1782, 0.1616



0.8995, 0.1859, 0.1891

Previews

White Background



This preview shows how the Yxy color 58.4792, 0.3516, 0.3568 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 58.4792, 0.3516, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

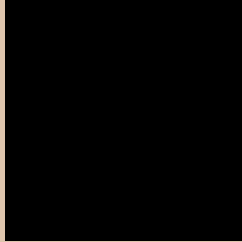
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

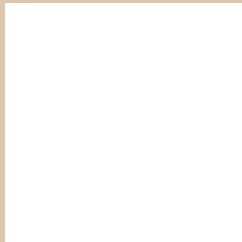
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4792, 0.3516, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 58.4792, 0.3516, 0.3568.



This preview shows how white text looks on a background with the Yxy color 58.4792, 0.3516, 0.3568.

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

58.4792, 0.3516, 0.3568

Protanopia

58.7173, 0.3401, 0.3598

Deuteranopia

58.6285, 0.3592, 0.3517



Tritanopia

58.3730, 0.3289, 0.3123

Trichromacy



Original Color

58.4792, 0.3516, 0.3568

Protanomaly

58.8116, 0.3443, 0.3596

Deuteranomaly

58.5802, 0.3564, 0.3530

Tritanomaly

58.5313, 0.3373, 0.3279

Monochromacy



Original Color

58.4792, 0.3516, 0.3568

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6255, 0.3265, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4792, 0.3516, 0.3568 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(222, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 173)  
}
```

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(222, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 173) }
```

Border

The CSS property to change the border of an element to Yxy 58.4792, 0.3516, 0.3568 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(222, 197, 173) }
```

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

```
.border{ border-color:rgb(222, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4792, 0.3516, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 173) }
```

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

```
.background{ background-color: rgb(222,  
197, 173) }
```

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