

Converting Colors

$Yxy(45.9876, 0.3605, 0.3516)$

Have a look what the booklet for
Yxy(45.9876, 0.3605, 0.3516)
contains.

Yxy(46.0823, 0.3597, 0.3515)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.0823, 0.3597, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	D0AE9C
RGB	208, 174, 156
RGB Percent	82%, 68%, 61%
CMY	0.1842, 0.3177, 0.3882
CMYK	0.00, 0.16, 0.25, 0.18
HSL	21°, 36%, 71%
HSV	21°, 25%, 82%
XYZ	47.1573, 46.0823, 37.8622
YIQ	182.1140, 26.0420, 1.6100

Conversions

Conversions Part 2

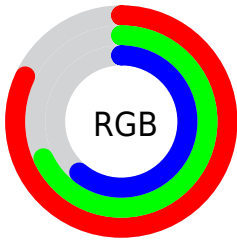
Format	Color
R _Y B	208, 184, 156
Decimal	13676188
CIE Lab	73.60, 9.63, 13.84
CIE LCh	74, 16.858, 55.180
Yxy	46.0823, 0.3597, 0.3515
Android (android.graphics.Color)	4291866268 (0xFFD0AE9C)
YUV	182.1140, -12.8742, 22.7020
Hunter-Lab	67.8839, 5.2027, 14.4498

Details

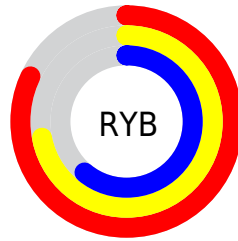
The Yxy color **46.0823, 0.3597, 0.3515** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.4730, 0.2742, 0.3053**, and the grayscale version is **46.9082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0018, 0.3430, 0.3472**, and **21.7113, 0.3730, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **40.4434, 0.3843, 0.3610**, and if you desaturate by 10%, it is **52.3792, 0.3386, 0.3421**.

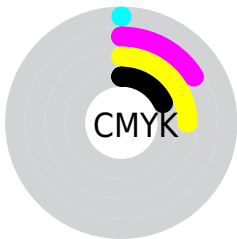
Distribution



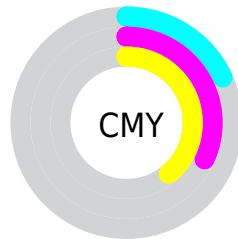
- Red (82%)
- Green (68%)
- Blue (61%)



- Red (82%)
- Yellow (72%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (18%)




- Cyan (18%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0823, 0.3597, 0.3515 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 46.0823, 0.3597, 0.3515 by changing the saturation by 10% instead.


 46.0823, 0.3597,
0.3515


 46.0823, 0.3597,
0.3515


371.1394, 0.3360,
0.3406

 32.3108, 0.3657,
0.3541


 84.3422, 0.3510,
0.3477

 21.5990, 0.3733,
0.3573


 109.5993, 0.3478,
0.3462

 13.5625, 0.3836,
0.3614


139.4537, 0.3451,
0.3449

 7.8170, 0.3979,
0.3669

174.2898, 0.3427,
0.3438

 3.9781, 0.4193,
0.3742

214.4921, 0.3407,
0.3429

 1.6613, 0.4571,
0.3866

260.4448, 0.3389,

 0.3984, 0.6063,

0.3420

0.3937

312.5325, 0.3374,
0.3413

0.0000, 0.0000,
0.0000

46.0823, 0.3597,
0.3515

46.0823, 0.3597,
0.3515

40.4434, 0.3843,
0.3610

52.3792, 0.3386,
0.3421

35.4342, 0.4125,
0.3702

59.3485, 0.3207,
0.3332

31.0336, 0.4441,
0.3783

67.0122, 0.3054,
0.3249

27.2167, 0.4783,
0.3842

75.3895, 0.2925,
0.3173

23.9568, 0.5132,
0.3868

84.1708, 0.2842,
0.3154

■ 21.2248, 0.5461,
0.3847

■ 92.1555, 0.2849,
0.3289

■ 18.9877, 0.5738,
0.3776

■ 18.0394, 0.5859,
0.3730

Harmonies

Analogous

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



46.0823, 0.3545, 0.3320



46.0823, 0.3597, 0.3515



46.0823, 0.3518, 0.3661

Triad

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



46.0823, 0.3597, 0.3515



46.0823, 0.2877, 0.3459



46.0823, 0.2912, 0.2900

Complementary

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



46.0823, 0.3597, 0.3515



48.4730, 0.2742, 0.3053

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.



46.0823, 0.2745, 0.2920



46.0823, 0.3597, 0.3515



46.0823, 0.2726, 0.3236

Square

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



46.0823, 0.3597, 0.3515



46.0823, 0.3098, 0.3637



46.0823, 0.2679, 0.3040



46.0823, 0.3142, 0.2975

Rectangle

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



46.0823, 0.3597, 0.3515



46.0823, 0.3403, 0.3706



46.0823, 0.2679, 0.3040



46.0823, 0.2847, 0.2895

Sweetspot

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



46.0844, 0.3597, 0.3515



90.5324, 0.3259, 0.3359



40.9413, 0.3312, 0.2868



19.0137, 0.3286, 0.3373



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.



46.0844, 0.3597, 0.3515



68.1308, 0.3724, 0.3566



56.8315, 0.3525, 0.3814



12.4670, 0.3282, 0.3371



11.4020, 0.5833, 0.3750



0.7842, 0.5477, 0.4033

Inverse Universe

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



48.4730, 0.2742, 0.3053



72.5369, 0.2660, 0.2995



38.4173, 0.2711, 0.2705



12.6903, 0.2983, 0.3208



14.0163, 0.1924, 0.2126



0.9287, 0.1990, 0.2364

Previews

White Background



This preview shows how the Yxy color 46.0823, 0.3597, 0.3515 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 46.0823, 0.3597, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

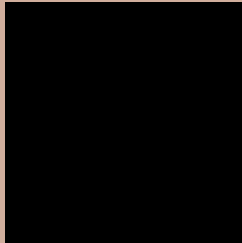
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0823, 0.3597, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 46.0823, 0.3597, 0.3515.



This preview shows how white text looks on a background with the Yxy color 46.0823, 0.3597, 0.3515.

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

46.0823, 0.3597, 0.3515

Protanopia

45.9645, 0.3380, 0.3566

Deuteranopia

45.9378, 0.3587, 0.3516



Tritanopia

46.0172, 0.3390, 0.3133

Trichromacy



Original Color

46.0823, 0.3597, 0.3515

Protanomaly

46.0452, 0.3457, 0.3548

Deuteranomaly

45.9378, 0.3587, 0.3516

Tritanomaly

45.8446, 0.3469, 0.3267

Monochromacy



Original Color

46.0823, 0.3597, 0.3515

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3337, 0.3282, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0823, 0.3597, 0.3515 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(208, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 156)  
}
```

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(208, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 46.0823, 0.3597, 0.3515 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(208, 174, 156) }
```

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

```
.border{ border-color:rgb(208, 174, 156) }
```

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

Here you see how a box with a 4 pixel rgb(208, 174, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0823, 0.3597, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 156) }
```

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

```
.background{ background-color: rgb(208,  
174, 156) }
```

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