

Converting Colors

Yxy(46.6263, 0.3627, 0.3616)

Have a look what the booklet for
Yxy(46.6263, 0.3627, 0.3616)
contains.

Yxy(46.5181, 0.3635, 0.3616)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.5181, 0.3635, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	CFB096
RGB	207, 176, 150
RGB Percent	81%, 69%, 59%
CMY	0.1882, 0.3098, 0.4118
CMYK	0.00, 0.15, 0.28, 0.19
HSL	27°, 37%, 70%
HSV	27°, 28%, 81%
XYZ	46.7625, 46.5181, 35.3646
YIQ	182.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

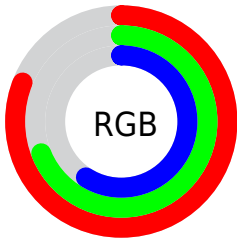
Format	Color
R _Y B	207, 198, 150
Decimal	13611158
CIE Lab	73.88, 7.30, 17.49
CIE LCh	74, 18.953, 67.330
Yxy	46.5181, 0.3635, 0.3616
Android (android.graphics.Color)	4291801238 (0xFFCFB096)
YUV	182.3050, -15.9264, 21.6575
Hunter-Lab	68.2042, 3.0268, 17.0005

Details

The Yxy color $46.5181, 0.3635, 0.3616$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $44.0324, 0.2694, 0.2939$, and the grayscale version is $47.0325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3329, 0.3472, 0.3572$, and $21.9916, 0.3781, 0.3711$ is the 20% darker color. If you saturate the color by 10%, you get $41.6787, 0.3870, 0.3740$, and if you desaturate by 10%, it is $51.8456, 0.3428, 0.3493$.

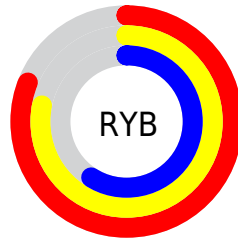
Distribution



Red (81%)

Green (69%)

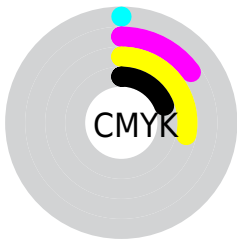
Blue (59%)



Red (81%)

Yellow (78%)

Blue (59%)

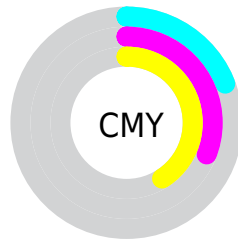


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5181, 0.3635, 0.3616 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 46.5181, 0.3635, 0.3616 by changing the saturation by 10% instead.


 46.5181, 0.3635,
0.3616


 46.5181, 0.3635,
0.3616


372.8877, 0.3380,
0.3457

 32.6549, 0.3699,
0.3654


 84.9938, 0.3542,
0.3559

 21.8622, 0.3781,
0.3702


 110.3751, 0.3507,
0.3538

 13.7557, 0.3889,
0.3763


140.3646, 0.3478,
0.3520

 7.9509, 0.4039,
0.3844

175.3466, 0.3453,
0.3504

 4.0636, 0.4259,
0.3955

215.7055, 0.3431,
0.3490

 1.7092, 0.4702,
0.4193

261.8257, 0.3412,

 0.4296, 0.5773,

0.3478

0.4227

314.0916, 0.3395,
0.3467

0.0000, 0.0000,
0.0000

46.5181, 0.3635,
0.3616

46.5181, 0.3635,
0.3616

41.6787, 0.3870,
0.3740

51.8456, 0.3428,
0.3493

37.3058, 0.4131,
0.3858

57.6691, 0.3247,
0.3375

33.3859, 0.4414,
0.3961

64.0042, 0.3091,
0.3263

29.9016, 0.4709,
0.4038

70.8640, 0.2955,
0.3160

26.8347, 0.5000,
0.4076

78.2611, 0.2838,
0.3065

■ 24.1647, 0.5268,
0.4063

■ 84.9088, 0.2837,
0.3169

■ 21.8667, 0.5494,
0.3997

■ 91.8733, 0.2844,
0.3287

■ 21.3516, 0.5547,
0.3978

■ 92.0059, 0.2844,
0.3289

Harmonies

Analogous

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



46.5181, 0.3638, 0.3413



46.5181, 0.3635, 0.3616



46.5181, 0.3492, 0.3743

Triad

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



46.5181, 0.3635, 0.3616



46.5181, 0.2767, 0.3379



46.5181, 0.2985, 0.2877

Complementary

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



46.5181, 0.3635, 0.3616



44.0324, 0.2694, 0.2939

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.



46.5181, 0.2764, 0.2854



46.5181, 0.3635, 0.3616



46.5181, 0.2642, 0.3132

Square

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



46.5181, 0.3635, 0.3616



46.5181, 0.2988, 0.3611



46.5181, 0.2642, 0.2943



46.5181, 0.3253, 0.2998

Rectangle

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



46.5181, 0.3635, 0.3616



46.5181, 0.3339, 0.3761



46.5181, 0.2642, 0.2943



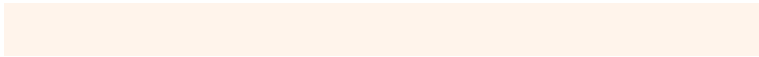
46.5181, 0.2903, 0.2857

Sweetspot

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



46.5202, 0.3635, 0.3616



91.8811, 0.3257, 0.3381



38.4266, 0.3400, 0.2903



19.3524, 0.3283, 0.3399



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.



46.5202, 0.3635, 0.3616



69.9160, 0.3769, 0.3689



58.7260, 0.3548, 0.3942



12.6841, 0.3279, 0.3396



13.6363, 0.5524, 0.3996



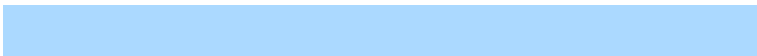
0.9202, 0.5218, 0.4238

Inverse Universe

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



44.0324, 0.2694, 0.2939



65.2832, 0.2601, 0.2852



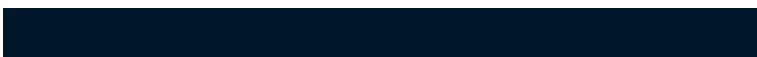
33.7195, 0.2655, 0.2543



12.4675, 0.2983, 0.3181



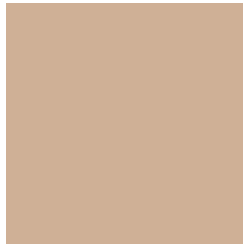
10.4079, 0.1816, 0.1737



0.7396, 0.1902, 0.2047

Previews

White Background



This preview shows how the Yxy color 46.5181, 0.3635, 0.3616 looks on a white background.

Color Contrast Check

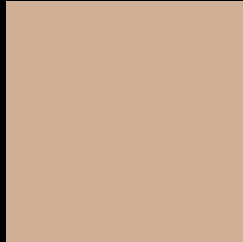
Large Text (above 18pt) WCAG AA × Fail

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 46.5181, 0.3635, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

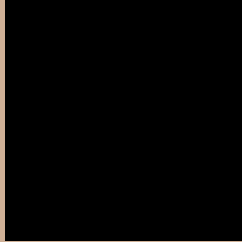
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5181, 0.3635, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 46.5181, 0.3635, 0.3616.



This preview shows how white text looks on a background with the Yxy color 46.5181, 0.3635, 0.3616.

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

46.5181, 0.3635, 0.3616

Protanopia

46.5541, 0.3455, 0.3655

Deuteranopia

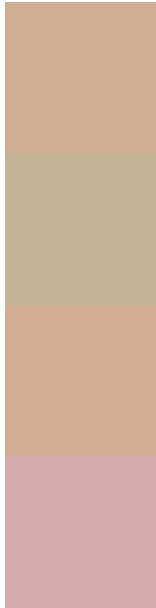
46.5636, 0.3666, 0.3601



Tritanopia

46.4354, 0.3379, 0.3134

Trichromacy



Original Color

46.5181, 0.3635, 0.3616

Protanomaly

46.3775, 0.3515, 0.3638

Deuteranomaly

46.4173, 0.3657, 0.3602

Tritanomaly

46.5673, 0.3474, 0.3303

Monochromacy



Original Color

46.5181, 0.3635, 0.3616

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6212, 0.3305, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5181, 0.3635, 0.3616 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, 176, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 150)  
}
```

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, 176, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 150) }
```

Border

The CSS property to change the border of an element to Yxy 46.5181, 0.3635, 0.3616 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, 176, 150) }
```

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

```
.border{ border-color:rgb(207, 176, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 176, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5181, 0.3635, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 150) }
```

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

```
.background{ background-color: rgb(207,  
176, 150) }
```

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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