

Converting Colors

$Yxy(48.7693, 0.3460, 0.3492)$

Have a look what the booklet for
Yxy(48.7693, 0.3460, 0.3492)
contains.

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Color

Yxy(48.6017, 0.3462, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	CCB5A5
RGB	204, 181, 165
RGB Percent	80%, 71%, 65%
CMY	0.2001, 0.2901, 0.3529
CMYK	0.00, 0.11, 0.19, 0.20
HSL	25°, 28%, 72%
HSV	25°, 19%, 80%
XYZ	48.2118, 48.6017, 42.4464
YIQ	186.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

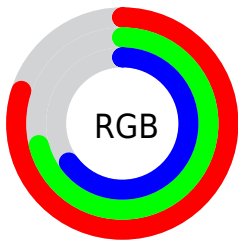
Format	Color
R _Y B	204, 192, 165
Decimal	13415845
CIE Lab	75.20, 5.64, 11.14
CIE LCh	75, 12.490, 63.151
Yxy	48.6017, 0.3462, 0.3490
Android (android.graphics.Color)	4291605925 (0xFFCCB5A5)
YUV	186.0530, -10.3791, 15.7395
Hunter-Lab	69.7149, 1.4416, 12.7013

Details

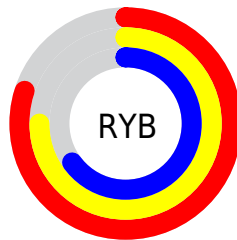
The Yxy color **48.6017, 0.3462, 0.3490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3142, 0.2831, 0.3081**, and the grayscale version is **49.1853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9957, 0.3358, 0.3459**, and **23.0202, 0.3555, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **43.2394, 0.3678, 0.3602**, and if you desaturate by 10%, it is **54.5086, 0.3275, 0.3382**.

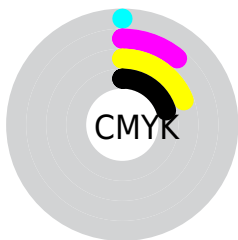
Distribution



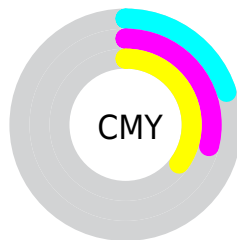
- Red (80%)
- Green (71%)
- Blue (65%)



- Red (80%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6017, 0.3462, 0.3490 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 48.6017, 0.3462, 0.3490 by changing the saturation by 10% instead.


 48.6017, 0.3462,
0.3490


 48.6017, 0.3462,
0.3490

381.1722, 0.3295,
0.3393

 34.3036, 0.3504,
0.3514


 88.0996, 0.3401,
0.3455

 23.1270, 0.3557,
0.3543

 114.0682, 0.3379,
0.3442

 14.6873, 0.3628,
0.3582


144.6958, 0.3359,
0.3431

 8.6002, 0.3726,
0.3634

180.3668, 0.3343,
0.3421

 4.4813, 0.3871,
0.3708

221.4655, 0.3328,
0.3412

 1.9463, 0.4107,
0.3820

268.3764, 0.3316,

 0.5760, 0.5433,

0.3405

0.4567

321.4838, 0.3305,
0.3398

0.0000, 0.0000,
0.0000

48.6017, 0.3462,
0.3490

48.6017, 0.3462,
0.3490

43.2394, 0.3678,
0.3602

54.5086, 0.3275,
0.3382

38.3990, 0.3926,
0.3713

60.9690, 0.3114,
0.3281

34.0656, 0.4203,
0.3818

67.9999, 0.2975,
0.3187

30.2210, 0.4506,
0.3908

75.6155, 0.2857,
0.3100

26.8459, 0.4823,
0.3969

83.0319, 0.2818,
0.3143

■ 23.9191, 0.5135,
0.3990

■ 90.3892, 0.2826,
0.3270

■ 21.4176, 0.5418,
0.3960

■ 91.5727, 0.2827,
0.3289

■ 19.3107, 0.5657,
0.3882

■ 19.1369, 0.5677,
0.3874

Harmonies

Analogous

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



48.6017, 0.3449, 0.3354



48.6017, 0.3462, 0.3490



48.6017, 0.3383, 0.3577

Triad

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



48.6017, 0.3462, 0.3490



48.6017, 0.2909, 0.3372



48.6017, 0.3013, 0.3010

Complementary

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



48.6017, 0.3462, 0.3490



48.3142, 0.2831, 0.3081

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.



48.6017, 0.2874, 0.3008



48.6017, 0.3462, 0.3490



48.6017, 0.2815, 0.3212

Square

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



48.6017, 0.3462, 0.3490



48.6017, 0.3062, 0.3512



48.6017, 0.2803, 0.3080



48.6017, 0.3186, 0.3083

Rectangle

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



48.6017, 0.3462, 0.3490



48.6017, 0.3289, 0.3594



48.6017, 0.2803, 0.3080



48.6017, 0.2961, 0.3001

Sweetspot

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



48.6039, 0.3462, 0.3490



93.4349, 0.3223, 0.3351



43.3979, 0.3284, 0.3002



19.8504, 0.3235, 0.3358



0.0000, 0.0000, 0.0000



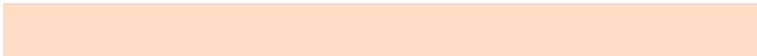
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6039, 0.3462, 0.3490



76.6772, 0.3549, 0.3537



56.8921, 0.3420, 0.3717



11.9577, 0.3280, 0.3386



12.2227, 0.5653, 0.3894



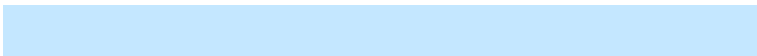
0.7788, 0.5302, 0.4173

Inverse Universe

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



48.3142, 0.2831, 0.3081



76.1062, 0.2765, 0.3030



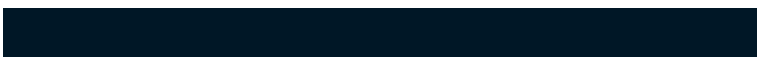
40.7039, 0.2816, 0.2824



11.9244, 0.2983, 0.3193



11.4196, 0.1860, 0.1897



0.7363, 0.1944, 0.2198

Previews

White Background



This preview shows how the Yxy color 48.6017, 0.3462, 0.3490 looks on a white background.

Color Contrast Check

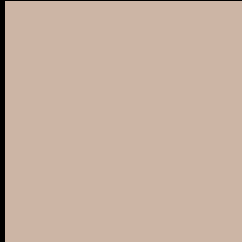
Large Text (above 18pt) WCAG AA × Fail

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 48.6017, 0.3462, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

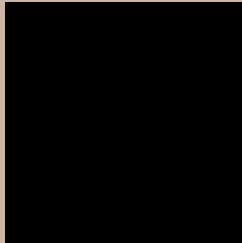
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6017, 0.3462, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 48.6017, 0.3462, 0.3490.



This preview shows how white text looks on a background with the Yxy color 48.6017, 0.3462, 0.3490.

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

48.6017, 0.3462, 0.3490

Protanopia

48.8254, 0.3340, 0.3521

Deuteranopia

48.6584, 0.3522, 0.3463



Tritanopia

48.4713, 0.3275, 0.3121

Trichromacy



Original Color

48.6017, 0.3462, 0.3490

Protanomaly

48.9045, 0.3385, 0.3519

Deuteranomaly

48.7690, 0.3501, 0.3476

Tritanomaly

48.3400, 0.3341, 0.3242

Monochromacy



Original Color

48.6017, 0.3462, 0.3490

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8328, 0.3252, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6017, 0.3462, 0.3490 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(204, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 165)  
}
```

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(204, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 165) }
```

Border

The CSS property to change the border of an element to Yxy 48.6017, 0.3462, 0.3490 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(204, 181, 165) }
```

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

```
.border{ border-color:rgb(204, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6017, 0.3462, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 165) }
```

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

```
.background{ background-color: rgb(204,  
181, 165) }
```

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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