

Converting Colors

$Y_{xy}(46.5040, 0.3786, 0.3985)$

Have a look what the booklet for
Yxy(46.5040, 0.3786, 0.3985)
contains.

Yxy(46.5407, 0.3779, 0.3988)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.5407, 0.3779, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	C9B47D
RGB	201, 180, 125
RGB Percent	79%, 71%, 49%
CMY	0.2119, 0.2940, 0.5098
CMYK	0.00, 0.10, 0.38, 0.21
HSL	43°, 41%, 64%
HSV	43°, 38%, 79%
XYZ	44.1016, 46.5407, 26.0595
YIQ	180.0090, 30.1710, -12.6530

Conversions

Conversions Part 2

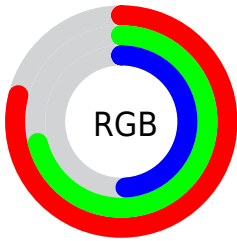
Format	Color
RYB	154, 201, 125
Decimal	13218941
CIELab	73.90, -0.39, 30.82
CIELCh	74, 30.819, 90.728
Yxy	46.5407, 0.3779, 0.3988
Android (android.graphics.Color)	4291409021 (0xFFC9B47D)
YUV	180.0090, -27.1194, 18.4091
Hunter-Lab	68.2207, -3.9941, 25.1064

Details

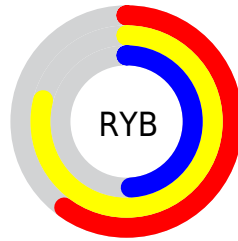
The Yxy color **46.5407, 0.3779, 0.3988** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1126, 0.2487, 0.2474**, and the grayscale version is **45.7817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4653, 0.3637, 0.3875**, and **21.7977, 0.3962, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **43.8878, 0.3973, 0.4166**, and if you desaturate by 10%, it is **49.3912, 0.3591, 0.3801**.

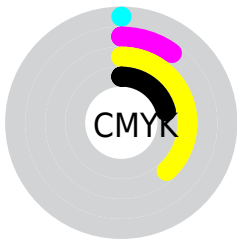
Distribution



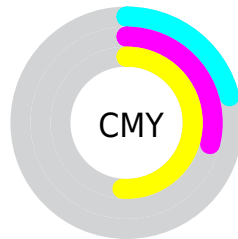
- Red (79%)
- Green (71%)
- Blue (49%)



- Red (60%)
- Yellow (79%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (21%)




- Cyan (21%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5407, 0.3779, 0.3988 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 46.5407, 0.3779, 0.3988 by changing the saturation by 10% instead.

 46.5407, 0.3779,
0.3988

 46.5407, 0.3779,
0.3988

372.9782, 0.3458,
0.3644


 32.6727, 0.3856,
0.4071

 85.0276, 0.3664,
0.3865

 21.8758, 0.3952,
0.4174


 110.4153, 0.3621,
0.3818

 13.7657, 0.4074,
0.4306


 140.4118, 0.3583,
0.3778

 7.9579, 0.4233,
0.4478

175.4013, 0.3551,
0.3744

 4.0680, 0.4448,
0.4712

215.7683, 0.3523,
0.3714

 1.7117, 0.4850,
0.5150

261.8972, 0.3499,

 0.4312, 0.4814,

0.3688

0.5186

314.1724, 0.3477,
0.3664

0.0000, 0.0000,
0.0000

46.5407, 0.3779,
0.3988

46.5407, 0.3779,
0.3988

43.8878, 0.3973,
0.4166

49.3912, 0.3591,
0.3801

41.4187, 0.4166,
0.4326

52.4396, 0.3412,
0.3612

39.1275, 0.4349,
0.4456

55.6945, 0.3247,
0.3428

37.0053, 0.4514,
0.4546

59.1618, 0.3095,
0.3252

35.0417, 0.4653,
0.4589

62.8472, 0.2958,
0.3087

■ 33.2220, 0.4762,
0.4586

■ 66.7561, 0.2834,
0.2933

■ 32.8358, 0.4785,
0.4583

■ 70.1873, 0.2783,
0.2898

■ 73.1222, 0.2787,
0.2959

■ 76.1542, 0.2792,
0.3020

Harmonies

Analogous

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



46.5407, 0.3976, 0.3731



46.5407, 0.3779, 0.3988



46.5407, 0.3412, 0.4066

Triad

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



46.5407, 0.3779, 0.3988



46.5407, 0.2384, 0.3102



46.5407, 0.3228, 0.2777

Complementary

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



46.5407, 0.3779, 0.3988



29.1126, 0.2487, 0.2474

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.



46.5407, 0.2805, 0.2618



46.5407, 0.3779, 0.3988



46.5407, 0.2342, 0.2775

Square

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



46.5407, 0.3779, 0.3988



46.5407, 0.2612, 0.3523



46.5407, 0.2490, 0.2611



46.5407, 0.3650, 0.3052

Rectangle

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



46.5407, 0.3779, 0.3988



46.5407, 0.3126, 0.3980



46.5407, 0.2490, 0.2611



46.5407, 0.3081, 0.2709

Sweetspot

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



46.5428, 0.3779, 0.3988



93.4891, 0.3301, 0.3489



29.1698, 0.3780, 0.3010



19.8454, 0.3323, 0.3514



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.



46.5428, 0.3779, 0.3988



76.1344, 0.3931, 0.4129



53.4862, 0.3548, 0.4268



11.9035, 0.3272, 0.3457



20.8154, 0.4775, 0.4591



1.1023, 0.4627, 0.4708

Inverse Universe

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



29.1126, 0.2487, 0.2474



42.2764, 0.2341, 0.2268



24.5845, 0.2584, 0.2196



10.7554, 0.2983, 0.3118



4.5271, 0.1599, 0.0957



0.3392, 0.1718, 0.1385

Previews

White Background



This preview shows how the Yxy color 46.5407, 0.3779, 0.3988 looks on a white background.

Color Contrast Check

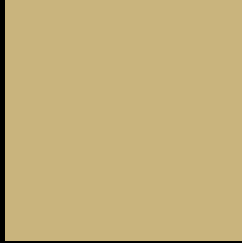
Large Text (above 18pt) WCAG AA × Fail

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 46.5407, 0.3779, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

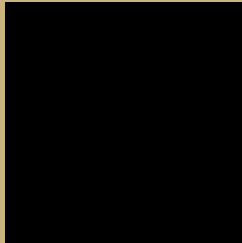
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5407, 0.3779, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 46.5407, 0.3779, 0.3988.



This preview shows how white text looks on a background with the Yxy color 46.5407, 0.3779, 0.3988.

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

46.5407, 0.3779, 0.3988

Protanopia

46.6980, 0.3715, 0.4011

Deuteranopia

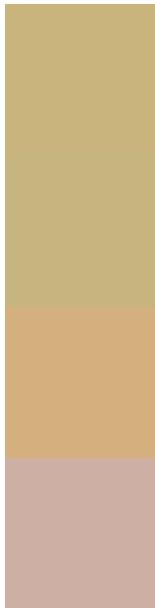
46.5302, 0.3951, 0.3869



Tritanopia

46.4601, 0.3333, 0.3120

Trichromacy



Original Color

46.5407, 0.3779, 0.3988

Protanomaly

46.5599, 0.3738, 0.3994

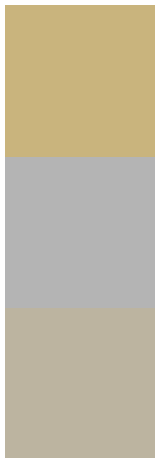
Deuteranomaly

46.4059, 0.3884, 0.3905

Tritanomaly

46.3194, 0.3494, 0.3428

Monochromacy



Original Color

46.5407, 0.3779, 0.3988

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8719, 0.3362, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5407, 0.3779, 0.3988 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(201, 180, 125)` looks like.

```
.text, #text, p{  
    color:rgb(201, 180, 125)  
}
```

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(201, 180, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 180, 125) }
```

Border

The CSS property to change the border of an element to Yxy 46.5407, 0.3779, 0.3988 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(201, 180, 125) }
```

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

```
.border{ border-color:rgb(201, 180, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 180, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 180, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 180, 125);  
box-shadow:4px 4px 4px 4px rgb(201, 180,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5407, 0.3779, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 180, 125) }
```

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

```
.background{ background-color: rgb(201,  
180, 125) }
```

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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