

Converting Colors

$Yxy(48.4022, 0.3890, 0.3929)$

Have a look what the booklet for
Yxy(48.4022, 0.3890, 0.3929)
contains.

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Color

Yxy(48.4710, 0.3885, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	D6B47F
RGB	214, 180, 127
RGB Percent	84%, 71%, 50%
CMY	0.1606, 0.2941, 0.5020
CMYK	0.00, 0.16, 0.41, 0.16
HSL	37°, 52%, 67%
HSV	37°, 41%, 84%
XYZ	47.8916, 48.4710, 26.9105
YIQ	184.1240, 37.2770, -9.2750

Conversions

Conversions Part 2

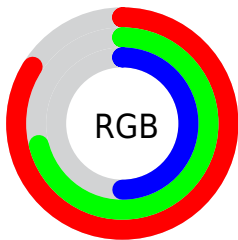
Format	Color
RYB	183, 214, 127
Decimal	14070911
CIELab	75.12, 5.11, 31.59
CIELCh	75, 32.004, 80.814
Yxy	48.4710, 0.3885, 0.3932
Android (android.graphics.Color)	4292260991 (0xFFD6B47F)
YUV	184.1240, -28.1621, 26.2013
Hunter-Lab	69.6211, 0.9513, 25.8175

Details

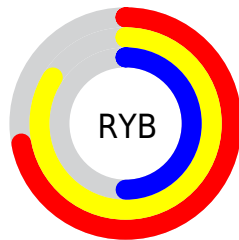
The Yxy color **48.4710, 0.3885, 0.3932** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.8754, 0.2454, 0.2543**, and the grayscale version is **48.1510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5462, 0.3623, 0.3855**, and **22.9837, 0.4094, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **44.6944, 0.4111, 0.4082**, and if you desaturate by 10%, it is **52.5749, 0.3672, 0.3772**.

Distribution



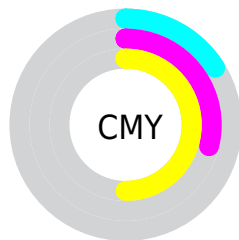
- Red (84%)
- Green (71%)
- Blue (50%)



- Red (72%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4710, 0.3885, 0.3932 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 48.4710, 0.3885, 0.3932 by changing the saturation by 10% instead.


 48.4710, 0.3885,
0.3932

 48.4710, 0.3885,
0.3932


380.6560, 0.3512,
0.3623

 34.2000, 0.3974,
0.4003


 87.9053, 0.3752,
0.3824

 23.0473, 0.4086,
0.4091


 113.8373, 0.3701,
0.3782

 14.6284, 0.4229,
0.4201


 144.4253, 0.3658,
0.3746

 8.5590, 0.4416,
0.4337

180.0534, 0.3620,
0.3715

 4.4547, 0.4665,
0.4507

221.1061, 0.3588,
0.3688

 1.9310, 0.5153,
0.4847

267.9679, 0.3560,

 0.5669, 0.5393,

0.3664

0.4607

321.0231, 0.3534,
0.3642

0.0000, 0.0000,
0.0000

48.4710, 0.3885,
0.3932

48.4710, 0.3885,
0.3932

44.6944, 0.4111,
0.4082

52.5749, 0.3672,
0.3772

41.2270, 0.4342,
0.4213

57.0098, 0.3475,
0.3610

38.0592, 0.4569,
0.4311


61.7875, 0.3297,
0.3451


35.1775, 0.4779,
0.4366


66.9174, 0.3137,
0.3300


32.5664, 0.4960,
0.4369

72.4083, 0.2995,
0.3158

 30.3503, 0.5103,
0.4330

 78.2413, 0.2872,
0.3030

 83.0199, 0.2876,
0.3119

 88.0255, 0.2880,
0.3207

 93.0417, 0.2883,
0.3289

Harmonies

Analogous

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



48.4710, 0.4010, 0.3630



48.4710, 0.3885, 0.3932



48.4710, 0.3555, 0.4085

Triad

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



48.4710, 0.3885, 0.3932



48.4710, 0.2424, 0.3234



48.4710, 0.3080, 0.2697

Complementary

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



48.4710, 0.3885, 0.3932



34.8754, 0.2454, 0.2543

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.



48.4710, 0.2674, 0.2582



48.4710, 0.3885, 0.3932



48.4710, 0.2316, 0.2856

Square

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



48.4710, 0.3885, 0.3932



48.4710, 0.2712, 0.3670



48.4710, 0.2405, 0.2631



48.4710, 0.3529, 0.2943

Rectangle

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



48.4710, 0.3885, 0.3932



48.4710, 0.3271, 0.4056



48.4710, 0.2405, 0.2631



48.4710, 0.2934, 0.2642

Sweetspot

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



48.4733, 0.3885, 0.3932



90.7829, 0.3322, 0.3474



32.0831, 0.3735, 0.2864



19.2265, 0.3344, 0.3494



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.



48.4733, 0.3885, 0.3932



67.0753, 0.4084, 0.4066



62.6707, 0.3661, 0.4316



13.6665, 0.3276, 0.3432



18.5456, 0.5086, 0.4344



1.2775, 0.4891, 0.4498

Inverse Universe

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



34.8754, 0.2454, 0.2543



44.1804, 0.2302, 0.2345



25.2459, 0.2445, 0.2069



12.7975, 0.2982, 0.3144



6.9288, 0.1680, 0.1247



0.5766, 0.1776, 0.1595

Previews

White Background



This preview shows how the Yxy color 48.4710, 0.3885, 0.3932 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 48.4710, 0.3885, 0.3932 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 48.4710, 0.3885, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 48.4710, 0.3885, 0.3932.



This preview shows how white text looks on a background with the Yxy color 48.4710, 0.3885, 0.3932.

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

48.4710, 0.3885, 0.3932

Protanopia

48.5623, 0.3716, 0.3998

Deuteranopia

48.3749, 0.3956, 0.3871



Tritanopia

48.2659, 0.3442, 0.3127

Trichromacy



Original Color

48.4710, 0.3885, 0.3932

Protanomaly

48.4046, 0.3779, 0.3976

Deuteranomaly

48.3047, 0.3923, 0.3889

Tritanomaly

48.2820, 0.3606, 0.3411

Monochromacy



Original Color

48.4710, 0.3885, 0.3932

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1134, 0.3394, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4710, 0.3885, 0.3932 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(214, 180, 127)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 127)  
}
```

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(214, 180, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 127) }
```

Border

The CSS property to change the border of an element to Yxy 48.4710, 0.3885, 0.3932 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(214, 180, 127) }
```

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

```
.border{ border-color:rgb(214, 180, 127) }
```

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

Here you see how a box with a 4 pixel rgb(214, 180, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 127);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4710, 0.3885, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 127) }
```

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

```
.background{ background-color: rgb(214,  
180, 127) }
```

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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