

Converting Colors

$Yxy(48.2781, 0.3884, 0.3882)$

Have a look what the booklet for
Yxy(48.2781, 0.3884, 0.3882)
contains.

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Color

Yxy(48.4508, 0.3883, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	D8B382
RGB	216, 179, 130
RGB Percent	85%, 70%, 51%
CMY	0.1528, 0.2981, 0.4902
CMYK	0.00, 0.17, 0.40, 0.15
HSL	34°, 52%, 68%
HSV	34°, 40%, 85%
XYZ	48.4758, 48.4508, 27.9145
YIQ	184.4770, 37.7810, -7.3950

Conversions

Conversions Part 2

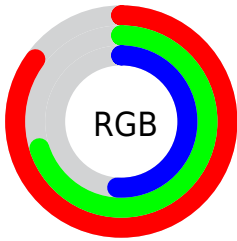
Format	Color
RYB	195, 216, 130
Decimal	14201730
CIELab	75.11, 6.77, 30.03
CIELCh	75, 30.785, 77.287
Yxy	48.4508, 0.3883, 0.3881
Android (android.graphics.Color)	4292391810 (0xFFD8B382)
YUV	184.4770, -26.8572, 27.6457
Hunter-Lab	69.6066, 2.5003, 24.9475

Details

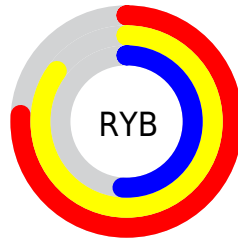
The Yxy color **48.4508, 0.3883, 0.3881** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3574, 0.2476, 0.2610**, and the grayscale version is **48.3489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0956, 0.3606, 0.3815**, and **22.9745, 0.4094, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **44.3292, 0.4119, 0.4024**, and if you desaturate by 10%, it is **52.9502, 0.3663, 0.3730**.

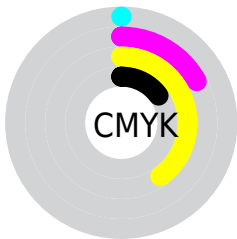
Distribution



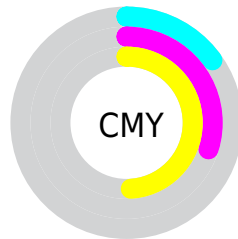
- Red (85%)
- Green (70%)
- Blue (51%)



- Red (76%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (15%)




- Cyan (15%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4508, 0.3883, 0.3881 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 48.4508, 0.3883, 0.3881 by changing the saturation by 10% instead.


 48.4508, 0.3883,
0.3881


 48.4508, 0.3883,
0.3881


380.5762, 0.3510,
0.3598


 34.1840, 0.3973,
0.3946


 87.8752, 0.3749,
0.3782

 23.0350, 0.4086,
0.4026


 113.8017, 0.3698,
0.3743

 14.6194, 0.4232,
0.4126


 144.3834, 0.3655,
0.3711

 8.5527, 0.4424,
0.4250

180.0049, 0.3618,
0.3682

 4.4506, 0.4682,
0.4401

221.0506, 0.3585,
0.3657

 1.9287, 0.5242,
0.4758

267.9047, 0.3557,

 0.5655, 0.5542,

0.3635

0.4458

320.9518, 0.3532,
0.3615

0.0000, 0.0000,
0.0000

48.4508, 0.3883,
0.3881

48.4508, 0.3883,
0.3881

44.3292, 0.4119,
0.4024

52.9502, 0.3663,
0.3730

40.5660, 0.4364,
0.4148

57.8325, 0.3463,
0.3577

37.1499, 0.4609,
0.4241

63.1110, 0.3284,
0.3429

34.0659, 0.4840,
0.4292

68.7963, 0.3125,
0.3288

31.2969, 0.5043,
0.4290

74.8985, 0.2984,
0.3156

■ 28.8170, 0.5214,
0.4240

■ 81.1263, 0.2886,
0.3080

■ 28.7760, 0.5217,
0.4239

■ 86.5864, 0.2890,
0.3177

■ 92.3290, 0.2894,
0.3273

■ 93.3443, 0.2894,
0.3289

Harmonies

Analogous

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



48.4508, 0.3975, 0.3580



48.4508, 0.3883, 0.3881



48.4508, 0.3585, 0.4048

Triad

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



48.4508, 0.3883, 0.3881



48.4508, 0.2473, 0.3286



48.4508, 0.3032, 0.2697

Complementary

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



48.4508, 0.3883, 0.3881



37.3574, 0.2476, 0.2610

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.



48.4508, 0.2652, 0.2604



48.4508, 0.3883, 0.3881



48.4508, 0.2347, 0.2910

Square

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



48.4508, 0.3883, 0.3881



48.4508, 0.2770, 0.3700



48.4508, 0.2411, 0.2672



48.4508, 0.3465, 0.2923

Rectangle

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



48.4508, 0.3883, 0.3881



48.4508, 0.3317, 0.4038



48.4508, 0.2411, 0.2672



48.4508, 0.2894, 0.2650

Sweetspot

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



48.4531, 0.3883, 0.3881



90.0639, 0.3323, 0.3462



33.3692, 0.3685, 0.2839



19.0571, 0.3346, 0.3481



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.



48.4531, 0.3883, 0.3881



65.3252, 0.4086, 0.4005



64.4871, 0.3674, 0.4288



13.5829, 0.3277, 0.3423



17.2446, 0.5197, 0.4255



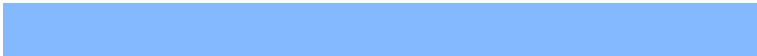
1.2031, 0.4978, 0.4430

Inverse Universe

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



37.3574, 0.2476, 0.2610



46.9969, 0.2331, 0.2430



26.1361, 0.2438, 0.2090



12.8792, 0.2982, 0.3154



7.7733, 0.1712, 0.1364



0.6314, 0.1807, 0.1703

Previews

White Background



This preview shows how the Yxy color 48.4508, 0.3883, 0.3881 looks on a white background.

Color Contrast Check

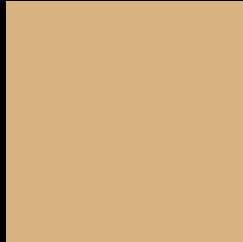
Large Text (above 18pt) WCAG AA × Fail

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 48.4508, 0.3883, 0.3881 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 48.4508, 0.3883, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 48.4508, 0.3883, 0.3881.



This preview shows how white text looks on a background with the Yxy color 48.4508, 0.3883, 0.3881.

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

48.4508, 0.3883, 0.3881

Protanopia

48.5335, 0.3674, 0.3951

Deuteranopia

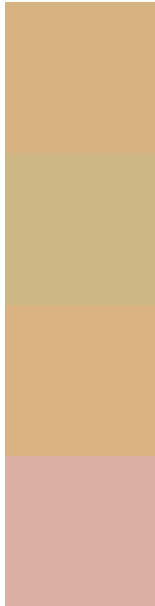
48.2716, 0.3929, 0.3850



Tritanopia

48.5374, 0.3469, 0.3139

Trichromacy



Original Color

48.4508, 0.3883, 0.3881

Protanomaly

48.5121, 0.3746, 0.3927

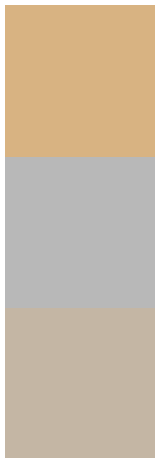
Deuteranomaly

48.5126, 0.3915, 0.3863

Tritanomaly

48.5922, 0.3624, 0.3410

Monochromacy



Original Color

48.4508, 0.3883, 0.3881

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8720, 0.3397, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4508, 0.3883, 0.3881 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(216, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(216, 179, 130)  
}
```

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(216, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 179, 130) }
```

Border

The CSS property to change the border of an element to Yxy 48.4508, 0.3883, 0.3881 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(216, 179, 130) }
```

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

```
.border{ border-color:rgb(216, 179, 130) }
```

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

Here you see how a box with a 4 pixel rgb(216, 179, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(216, 179,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4508, 0.3883, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 179, 130) }
```

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

```
.background{ background-color: rgb(216,  
179, 130) }
```

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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