

Converting Colors

$Yxy(46.1304, 0.4044, 0.4111)$

Have a look what the booklet for
Yxy(46.1304, 0.4044, 0.4111)
contains.

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Color

Yxy(46.1304, 0.4044, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	D4B06C
RGB	212, 176, 108
RGB Percent	83%, 69%, 42%
CMY	0.1687, 0.3097, 0.5764
CMYK	0.00, 0.17, 0.49, 0.17
HSL	39°, 55%, 63%
HSV	39°, 49%, 83%
XYZ	45.3786, 46.1304, 20.7031
YIQ	179.0120, 43.2840, -13.5160

Conversions

Conversions Part 2

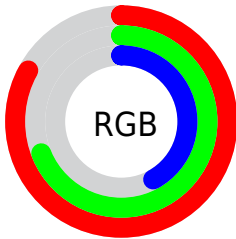
Format	Color
R_{YB}	163, 212, 108
Decimal	13938796
CIE _{Lab}	73.63, 4.45, 39.53
CIE _{LCh}	74, 39.778, 83.575
Yxy	46.1304, 0.4044, 0.4111
Android (android.graphics.Color)	4292128876 (0xFFD4B06C)
YUV	179.0120, -35.0089, 28.9305
Hunter-Lab	67.9194, 0.4013, 29.4708

Details

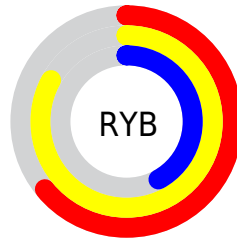
The Yxy color **46.1304, 0.4044, 0.4111** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.8799, 0.2296, 0.2284**, and the grayscale version is **45.2595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9850, 0.3764, 0.3998**, and **21.6894, 0.4278, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **42.9362, 0.4259, 0.4254**, and if you desaturate by 10%, it is **49.5940, 0.3832, 0.3949**.

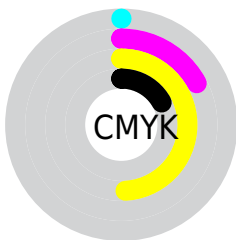
Distribution



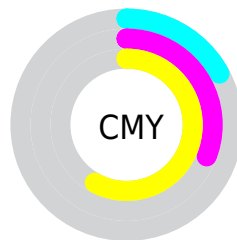
- Red (83%)
- Green (69%)
- Blue (42%)



- Red (64%)
- Yellow (83%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1304, 0.4044, 0.4111 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 46.1304, 0.4044, 0.4111 by changing the saturation by 10% instead.


 46.1304, 0.4044,
0.4111

 46.1304, 0.4044,
0.4111


371.3327, 0.3595,
0.3718

 32.3487, 0.4149,
0.4200


 84.4141, 0.3885,
0.3974


 21.6280, 0.4278,
0.4307


 109.6850, 0.3824,
0.3921

 13.5838, 0.4438,
0.4435

 139.5543, 0.3772,
0.3875

 7.8318, 0.4636,
0.4586

 174.4066, 0.3727,
0.3835

 3.9875, 0.5013,
0.4883

214.6262, 0.3687,
0.3800

 1.6666, 0.5130,
0.4870

260.5974, 0.3653,

 0.4019, 0.5497,

0.3769

0.4503

312.7048, 0.3622,
0.3742

0.0000, 0.0000,
0.0000

46.1304, 0.4044,
0.4111

46.1304, 0.4044,
0.4111

42.9362, 0.4259,
0.4254

49.5940, 0.3832,
0.3949

39.9944, 0.4469,
0.4367

53.3302, 0.3629,
0.3777

37.2953, 0.4661,
0.4439


57.3500, 0.3441,
0.3604


34.8258, 0.4827,
0.4461

61.6619, 0.3269,
0.3436


32.5654, 0.4963,
0.4435

66.2738, 0.3113,
0.3275

 32.3579, 0.4975,
0.4432

 71.1934, 0.2974,
0.3124

 76.3376, 0.2858,
0.2998

 80.4424, 0.2861,
0.3077

 84.7202, 0.2865,
0.3154

Harmonies

Analogous

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



46.1304, 0.4240, 0.3734



46.1304, 0.4044, 0.4111



46.1304, 0.3606, 0.4304

Triad

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



46.1304, 0.4044, 0.4111



46.1304, 0.2229, 0.3158



46.1304, 0.3114, 0.2581

Complementary

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



46.1304, 0.4044, 0.4111



27.8799, 0.2296, 0.2284

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.



46.1304, 0.2599, 0.2422



46.1304, 0.4044, 0.4111



46.1304, 0.2125, 0.2701

Square

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



46.1304, 0.4044, 0.4111



46.1304, 0.2561, 0.3724



46.1304, 0.2253, 0.2454



46.1304, 0.3681, 0.2891

Rectangle

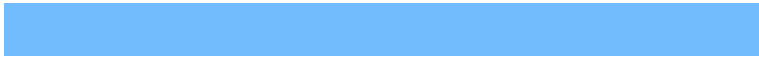
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.1304, 0.4044, 0.4111



46.1304, 0.3245, 0.4258



46.1304, 0.2253, 0.2454



46.1304, 0.2929, 0.2509

Sweetspot

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



46.1326, 0.4044, 0.4111



89.6237, 0.3372, 0.3538



26.7473, 0.3995, 0.2844



18.8889, 0.3409, 0.3574



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.



46.1326, 0.4044, 0.4111



64.9632, 0.4272, 0.4262



59.9440, 0.3714, 0.4533



13.7631, 0.3275, 0.3442



20.1749, 0.4961, 0.4443



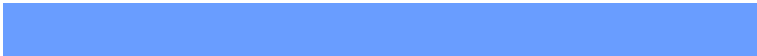
1.3686, 0.4795, 0.4574

Inverse Universe

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



27.8799, 0.2296, 0.2284



34.1718, 0.2115, 0.2018



19.7363, 0.2319, 0.1795



12.7042, 0.2982, 0.3133



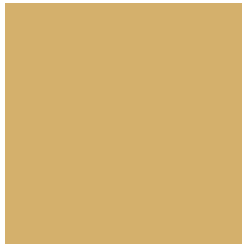
6.0725, 0.1645, 0.1122



0.5185, 0.1743, 0.1474

Previews

White Background



This preview shows how the Yxy color 46.1304, 0.4044, 0.4111 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 46.1304, 0.4044, 0.4111 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 46.1304, 0.4044, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 46.1304, 0.4044, 0.4111.



This preview shows how white text looks on a background with the Yxy color 46.1304, 0.4044, 0.4111.

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

46.1304, 0.4044, 0.4111

Protanopia

46.1793, 0.3867, 0.4190

Deuteranopia

46.2069, 0.4130, 0.4042



Tritanopia

45.9928, 0.3497, 0.3137

Trichromacy



Original Color

46.1304, 0.4044, 0.4111

Protanomaly

46.0408, 0.3934, 0.4162

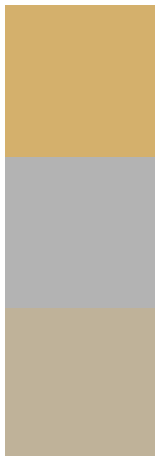
Deuteranomaly

46.1279, 0.4096, 0.4062

Tritanomaly

45.6815, 0.3703, 0.3486

Monochromacy



Original Color

46.1304, 0.4044, 0.4111

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2171, 0.3453, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1304, 0.4044, 0.4111 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(212, 176, 108)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 108)  
}
```

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(212, 176, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 108) }
```

Border

The CSS property to change the border of an element to Yxy 46.1304, 0.4044, 0.4111 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(212, 176, 108) }
```

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

```
.border{ border-color:rgb(212, 176, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 108);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1304, 0.4044, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 108) }
```

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

```
.background{ background-color: rgb(212,  
176, 108) }
```

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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