

Converting Colors

Yxy(50.2411, 0.3778, 0.3773)

Have a look what the booklet for
Yxy(50.2411, 0.3778, 0.3773)
contains.

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Color

Yxy(50.1606, 0.3776, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	D9B68E
RGB	217, 182, 142
RGB Percent	85%, 71%, 56%
CMY	0.1490, 0.2863, 0.4431
CMYK	0.00, 0.16, 0.35, 0.15
HSL	32°, 50%, 70%
HSV	32°, 35%, 85%
XYZ	50.2271, 50.1606, 32.6290
YIQ	187.9050, 33.7000, -5.0200

Conversions

Conversions Part 2

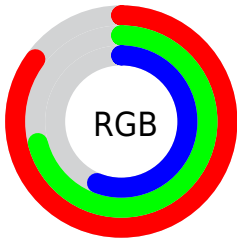
Format	Color
R _Y B	208, 217, 142
Decimal	14268046
CIE Lab	76.17, 6.96, 25.07
CIE LCh	76, 26.021, 74.480
Yxy	50.1606, 0.3776, 0.3771
Android (android.graphics.Color)	4292458126 (0xFFD9B68E)
YUV	187.9050, -22.6312, 25.5163
Hunter-Lab	70.8241, 2.6465, 22.2617

Details

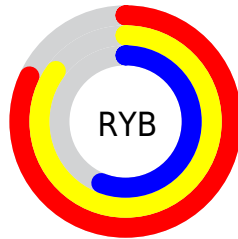
The Yxy color **50.1606, 0.3776, 0.3771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.2100, 0.2570, 0.2753**, and the grayscale version is **50.3510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3946, 0.3513, 0.3712**, and **24.0329, 0.3959, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **45.5736, 0.4012, 0.3911**, and if you desaturate by 10%, it is **55.1792, 0.3561, 0.3627**.

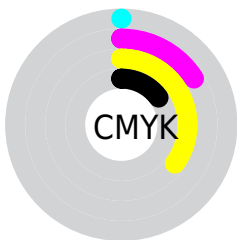
Distribution



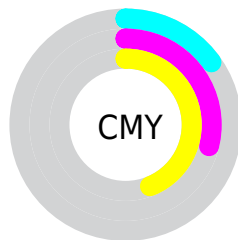
- Red (85%)
- Green (71%)
- Blue (56%)



- Red (82%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1606, 0.3776, 0.3771 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 50.1606, 0.3776, 0.3771 by changing the saturation by 10% instead.


 50.1606, 0.3776,
0.3771

 50.1606, 0.3776,
0.3771

387.2937, 0.3456,
0.3541

 35.5410, 0.3854,
0.3825


 90.4128, 0.3661,
0.3690

 24.0799, 0.3952,
0.3891


 116.8142, 0.3617,
0.3659

 15.3929, 0.4080,
0.3974


147.9116, 0.3580,
0.3632

 9.0956, 0.4251,
0.4082

184.0895, 0.3548,
0.3609

 4.8036, 0.4489,
0.4219

225.7323, 0.3521,
0.3589

 2.1325, 0.5021,
0.4560

273.2243, 0.3496,

 0.6828, 0.5453,

0.3571

0.4547

326.9500, 0.3475,
0.3555

0.0000, 0.0000,
0.0000

50.1606, 0.3776,
0.3771

50.1606, 0.3776,
0.3771

45.5736, 0.4012,
0.3911

55.1792, 0.3561,
0.3627

41.3976, 0.4265,
0.4038

60.6352, 0.3368,
0.3485

37.6202, 0.4527,
0.4141

66.5434, 0.3198,
0.3349

34.2254, 0.4784,
0.4208

72.9154, 0.3048,
0.3222

31.1956, 0.5022,
0.4227

79.7623, 0.2917,
0.3103

■ 28.5107, 0.5225,
0.4191

■ 85.9362, 0.2895,
0.3164

■ 27.1801, 0.5324,
0.4155

■ 92.1587, 0.2899,
0.3268

■ 93.4924, 0.2900,
0.3289

Harmonies

Analogous

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



50.1606, 0.3831, 0.3514



50.1606, 0.3776, 0.3771



50.1606, 0.3543, 0.3917

Triad

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



50.1606, 0.3776, 0.3771



50.1606, 0.2595, 0.3323



50.1606, 0.3017, 0.2775

Complementary

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



50.1606, 0.3776, 0.3771



42.2100, 0.2570, 0.2753

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.



50.1606, 0.2704, 0.2709



50.1606, 0.3776, 0.3771



50.1606, 0.2471, 0.3002

Square

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



50.1606, 0.3776, 0.3771



50.1606, 0.2859, 0.3658



50.1606, 0.2510, 0.2785



50.1606, 0.3378, 0.2958

Rectangle

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



50.1606, 0.3776, 0.3771



50.1606, 0.3324, 0.3916



50.1606, 0.2510, 0.2785



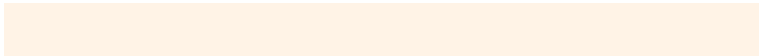
50.1606, 0.2903, 0.2738

Sweetspot

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



50.1629, 0.3776, 0.3771



91.1055, 0.3289, 0.3424



37.3259, 0.3547, 0.2856



19.2444, 0.3314, 0.3443



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.



50.1629, 0.3776, 0.3771



67.7181, 0.3935, 0.3867



66.1427, 0.3635, 0.4150



14.1956, 0.3278, 0.3415



16.6663, 0.5303, 0.4171



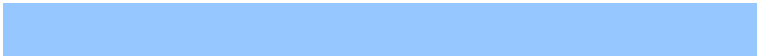
1.2517, 0.5074, 0.4353

Inverse Universe

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



42.2100, 0.2570, 0.2753



54.7063, 0.2457, 0.2625



30.2216, 0.2515, 0.2264



13.6140, 0.2982, 0.3162



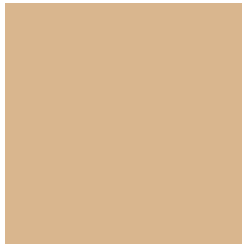
8.9068, 0.1744, 0.1476



0.7484, 0.1829, 0.1785

Previews

White Background



This preview shows how the Yxy color 50.1606, 0.3776, 0.3771 looks on a white background.

Color Contrast Check

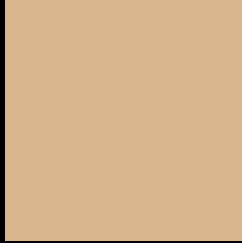
Large Text (above 18pt) WCAG AA × Fail

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 50.1606, 0.3776, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

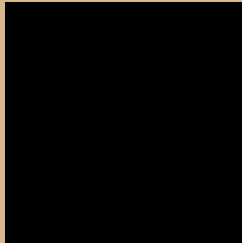
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1606, 0.3776, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 50.1606, 0.3776, 0.3771.



This preview shows how white text looks on a background with the Yxy color 50.1606, 0.3776, 0.3771.

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

50.1606, 0.3776, 0.3771

Protanopia

50.4283, 0.3584, 0.3831

Deuteranopia

49.9677, 0.3821, 0.3742



Tritanopia

50.2544, 0.3426, 0.3140

Trichromacy



Original Color

50.1606, 0.3776, 0.3771

Protanomaly

50.3968, 0.3653, 0.3810

Deuteranomaly

50.2164, 0.3808, 0.3755

Tritanomaly

50.0350, 0.3553, 0.3362

Monochromacy



Original Color

50.1606, 0.3776, 0.3771

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2002, 0.3358, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1606, 0.3776, 0.3771 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(217, 182, 142)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 142)  
}
```

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(217, 182, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 142) }
```

Border

The CSS property to change the border of an element to Yxy 50.1606, 0.3776, 0.3771 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(217, 182, 142) }
```

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

```
.border{ border-color:rgb(217, 182, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 182, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 142);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1606, 0.3776, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 142) }
```

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

```
.background{ background-color: rgb(217,  
182, 142) }
```

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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