

Converting Colors

$Yxy(50.5820, 0.4169, 0.4293)$

Have a look what the booklet for
Yxy(50.5820, 0.4169, 0.4293)
contains.

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Color

Yxy(50.4977, 0.4166, 0.4287)

Conversions

Conversions Part 1

Format	Color
Hex	DDB860
RGB	221, 184, 96
RGB Percent	87%, 72%, 38%
CMY	0.1333, 0.2784, 0.6236
CMYK	0.00, 0.17, 0.57, 0.13
HSL	42°, 65%, 62%
HSV	42°, 57%, 87%
XYZ	49.0724, 50.4977, 18.2225
YIQ	185.0310, 50.3000, -19.5240

Conversions

Conversions Part 2

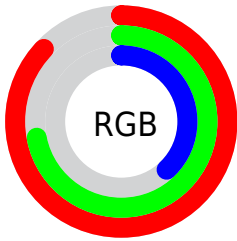
Format	Color
RYB	149, 221, 96
Decimal	14530656
CIELab	76.37, 2.95, 49.05
CIELCh	76, 49.138, 86.555
Yxy	50.4977, 0.4166, 0.4287
Android (android.graphics.Color)	4292720736 (0xFFDDB860)
YUV	185.0310, -43.8923, 31.5448
Hunter-Lab	71.0617, -1.0930, 34.5393

Details

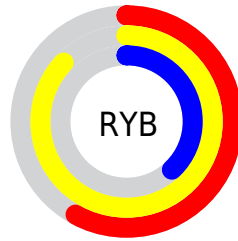
The Yxy color **50.4977, 0.4166, 0.4287** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **24.4798, 0.2144, 0.1998**, and the grayscale version is **48.7628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7501, 0.3806, 0.4194**, and **24.2086, 0.4403, 0.4499** is the 20% darker color. If you saturate the color by 10%, you get **47.4932, 0.4359, 0.4417**, and if you desaturate by 10%, it is **53.7471, 0.3965, 0.4128**.

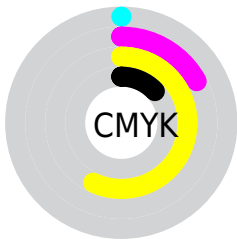
Distribution



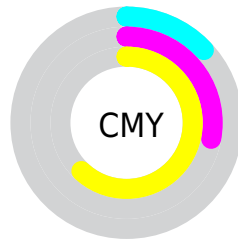
- Red (87%)
- Green (72%)
- Blue (38%)



- Red (58%)
- Yellow (87%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (57%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4977, 0.4166, 0.4287 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 50.4977, 0.4166, 0.4287 by changing the saturation by 10% instead.


 50.4977, 0.4166,
0.4287

 50.4977, 0.4166,
0.4287


388.6091, 0.3675,
0.3823

 35.8090, 0.4274,
0.4386


 90.9119, 0.3997,
0.4130


 24.2867, 0.4402,
0.4502


 117.4061, 0.3931,
0.4067

 15.5465, 0.4553,
0.4635


 148.6044, 0.3873,
0.4013

 9.2038, 0.4724,
0.4780

 184.8910, 0.3823,
0.3965

 4.8743, 0.4993,
0.5007

226.6504, 0.3779,
0.3923

 2.1737, 0.5030,
0.4970

274.2669, 0.3740,

 0.7056, 0.5128,

0.3886

0.4872

328.1250, 0.3706,
0.3853

0.0000, 0.0000,
0.0000

50.4977, 0.4166,
0.4287

50.4977, 0.4166,
0.4287

47.4932, 0.4359,
0.4417

53.7471, 0.3965,
0.4128

44.7149, 0.4536,
0.4508

57.2445, 0.3766,
0.3952

42.1519, 0.4686,
0.4552

61.0019, 0.3574,
0.3767

39.7879, 0.4805,
0.4546

65.0281, 0.3394,
0.3583

39.0138, 0.4843,
0.4537

69.3313, 0.3228,
0.3403

■ 73.9193, 0.3077,
0.3233

■ 78.7995, 0.2941,
0.3072

■ 82.7795, 0.2918,
0.3098

■ 86.6231, 0.2920,
0.3166

Harmonies

Analogous

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



50.4977, 0.4447, 0.3841



50.4977, 0.4166, 0.4287



50.4977, 0.3619, 0.4515

Triad

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



50.4977, 0.4166, 0.4287



50.4977, 0.2044, 0.3055



50.4977, 0.3173, 0.2488

Complementary

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



50.4977, 0.4166, 0.4287



24.4798, 0.2144, 0.1998

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.



50.4977, 0.2550, 0.2284



50.4977, 0.4166, 0.4287



50.4977, 0.1956, 0.2542

Square

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



50.4977, 0.4166, 0.4287



50.4977, 0.2400, 0.3745



50.4977, 0.2129, 0.2290



50.4977, 0.3851, 0.2859

Rectangle

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



50.4977, 0.4166, 0.4287



50.4977, 0.3188, 0.4445



50.4977, 0.2129, 0.2290



50.4977, 0.2949, 0.2399

Sweetspot

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



50.5001, 0.4166, 0.4287



89.6004, 0.3404, 0.3593



25.4437, 0.4301, 0.2860



18.9312, 0.3440, 0.3630



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.



50.5001, 0.4166, 0.4287



64.8939, 0.4396, 0.4439



64.2991, 0.3735, 0.4734



14.5790, 0.3274, 0.3454



22.8671, 0.4830, 0.4547



1.6285, 0.4702, 0.4649

Inverse Universe

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



24.4798, 0.2144, 0.1998



25.7509, 0.1944, 0.1676



17.6480, 0.2218, 0.1558



13.2422, 0.2981, 0.3121



5.4289, 0.1610, 0.0996



0.4995, 0.1701, 0.1322

Previews

White Background



This preview shows how the Yxy color 50.4977, 0.4166, 0.4287 looks on a white background.

Color Contrast Check

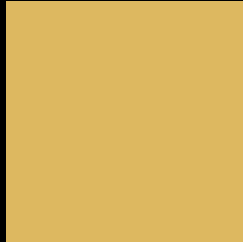
Large Text (above 18pt) WCAG AA × Fail

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 50.4977, 0.4166, 0.4287 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 50.4977, 0.4166, 0.4287

Background



This preview shows how black text looks on a background with the Yxy color 50.4977, 0.4166, 0.4287.



This preview shows how white text looks on a background with the Yxy color 50.4977, 0.4166, 0.4287.

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

50.4977, 0.4166, 0.4287

Protanopia

50.6869, 0.4001, 0.4370

Deuteranopia

50.6614, 0.4285, 0.4195



Tritanopia

50.5180, 0.3510, 0.3143

Trichromacy



Original Color

50.4977, 0.4166, 0.4287

Protanomaly

50.5498, 0.4066, 0.4339

Deuteranomaly

50.4048, 0.4243, 0.4220

Tritanomaly

50.3426, 0.3769, 0.3572

Monochromacy



Original Color

50.4977, 0.4166, 0.4287

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0036, 0.3500, 0.3697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4977, 0.4166, 0.4287 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(221, 184, 96)` looks like.

```
.text, #text, p{  
    color:rgb(221, 184, 96)  
}
```

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(221, 184, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 96) }
```

Border

The CSS property to change the border of an element to Yxy 50.4977, 0.4166, 0.4287 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(221, 184, 96) }
```

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

```
.border{ border-color:rgb(221, 184, 96) }
```

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

Here you see how a box with a 4 pixel rgb(221, 184, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 184, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 184, 96);  
box-shadow:4px 4px 4px 4px rgb(221, 184,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4977, 0.4166, 0.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 96) }
```

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

```
.background{ background-color: rgb(221,  
184, 96) }
```

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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