

Converting Colors

Yxy(50.1540, 0.3997, 0.4229)

Have a look what the booklet for
Yxy(50.1540, 0.3997, 0.4229)
contains.

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Color

Yxy(50.1764, 0.3992, 0.4229)

Conversions

Conversions Part 1

Format	Color
Hex	D4BA6B
RGB	212, 186, 107
RGB Percent	83%, 73%, 42%
CMY	0.1686, 0.2706, 0.5803
CMYK	0.00, 0.12, 0.50, 0.17
HSL	45°, 55%, 63%
HSV	45°, 50%, 83%
XYZ	47.3644, 50.1764, 21.1075
YIQ	184.7680, 40.8550, -19.0570

Conversions

Conversions Part 2

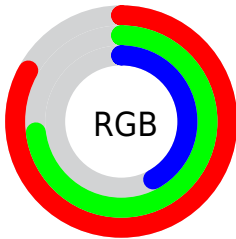
Format	Color
RYB	142, 212, 107
Decimal	13941355
CIELab	76.18, -0.91, 43.18
CIElCh	76, 43.186, 91.207
Yxy	50.1764, 0.3992, 0.4229
Android (android.graphics.Color)	4292131435 (0xFFD4BA6B)
YUV	184.7680, -38.3396, 23.8825
Hunter-Lab	70.8353, -4.6067, 31.9174

Details

The Yxy color **50.1764, 0.3992, 0.4229** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.6628, 0.2258, 0.2114**, and the grayscale version is **48.5827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3023, 0.3732, 0.4107**, and **24.0390, 0.4193, 0.4452** is the 20% darker color. If you saturate the color by 10%, you get **47.6143, 0.4175, 0.4389**, and if you desaturate by 10%, it is **52.9338, 0.3804, 0.4048**.

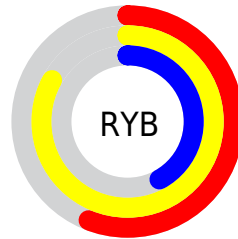
Distribution



Red (83%)

Green (73%)

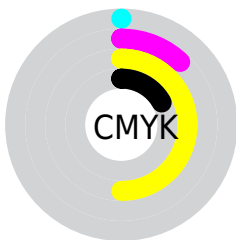
Blue (42%)



Red (56%)

Yellow (83%)

Blue (42%)

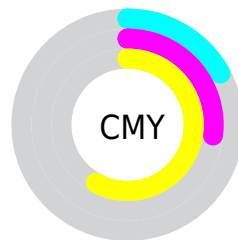


Cyan (0%)

Magenta (12%)

Yellow (50%)

Black (17%)



Cyan (17%)


Magenta (27%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1764, 0.3992, 0.4229 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 50.1764, 0.3992, 0.4229 by changing the saturation by 10% instead.


 50.1764, 0.3992,
0.4229

 50.1764, 0.3992,
0.4229

387.3554, 0.3580,
0.3779

 35.5536, 0.4085,
0.4331


 90.4362, 0.3849,
0.4073


 24.0896, 0.4196,
0.4454


 116.8419, 0.3793,
0.4012

 15.4001, 0.4330,
0.4602


 147.9441, 0.3745,
0.3959

 9.1007, 0.4488,
0.4780

 184.1271, 0.3703,
0.3914

 4.8069, 0.4765,
0.5090

225.7754, 0.3667,
0.3874

 2.1344, 0.4824,
0.5176

273.2732, 0.3634,

 0.6839, 0.4786,

0.3839

0.5214

327.0051, 0.3606,
0.3807

■ 0.0000, 0.0000,
0.0000

■ 50.1764, 0.3992,
0.4229

■ 50.1764, 0.3992,
0.4229

■ 47.6143, 0.4175,
0.4389

■ 52.9338, 0.3804,
0.4048

■ 45.2315, 0.4346,
0.4517

■ 55.8877, 0.3618,
0.3855

■ 43.0203, 0.4496,
0.4603

■ 59.0479, 0.3441,
0.3659


■ 40.9686, 0.4618,
0.4642

■ 62.4215, 0.3274,
0.3466

■ 39.0570, 0.4712,
0.4638


■ 66.0149, 0.3120,
0.3281

 38.9659, 0.4717,
0.4637

 69.8344, 0.2980,
0.3107

 73.8581, 0.2855,
0.2949

 76.7026, 0.2858,
0.3005

 79.6348, 0.2861,
0.3062

Harmonies

Analogous

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



50.1764, 0.4278, 0.3862



50.1764, 0.3992, 0.4229



50.1764, 0.3486, 0.4365

Triad

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



50.1764, 0.3992, 0.4229



50.1764, 0.2133, 0.3007



50.1764, 0.3266, 0.2615

Complementary

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



50.1764, 0.3992, 0.4229



24.6628, 0.2258, 0.2114

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.



50.1764, 0.2694, 0.2405



50.1764, 0.3992, 0.4229



50.1764, 0.2087, 0.2580

Square

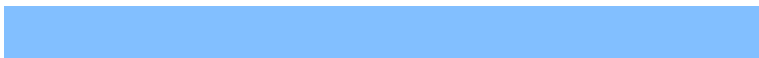
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.1764, 0.3992, 0.4229



50.1764, 0.2420, 0.3596



50.1764, 0.2281, 0.2383



50.1764, 0.3849, 0.2971

Rectangle

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



50.1764, 0.3992, 0.4229



50.1764, 0.3100, 0.4254



50.1764, 0.2281, 0.2383



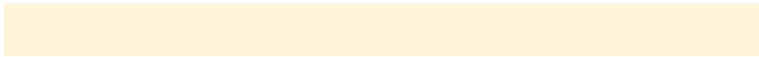
50.1764, 0.3065, 0.2526

Sweetspot

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



50.1788, 0.3992, 0.4229



91.8821, 0.3367, 0.3574



26.2200, 0.4152, 0.2969



19.4355, 0.3402, 0.3615



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.



50.1788, 0.3992, 0.4229



72.2825, 0.4178, 0.4391



58.5550, 0.3632, 0.4585



13.9748, 0.3272, 0.3464



24.2223, 0.4708, 0.4644



1.5877, 0.4600, 0.4730

Inverse Universe

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



24.6628, 0.2258, 0.2114



29.4834, 0.2072, 0.1826



20.2848, 0.2400, 0.1812



12.5033, 0.2982, 0.3109



4.6121, 0.1581, 0.0892



0.4103, 0.1675, 0.1229

Previews

White Background



This preview shows how the Yxy color 50.1764, 0.3992, 0.4229 looks on a white background.

Color Contrast Check

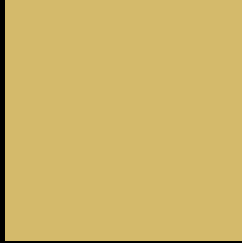
Large Text (above 18pt) WCAG AA × Fail

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 50.1764, 0.3992, 0.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

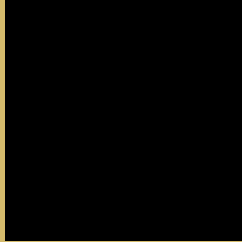
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1764, 0.3992, 0.4229

Background



This preview shows how black text looks on a background with the Yxy color 50.1764, 0.3992, 0.4229.



This preview shows how white text looks on a background with the Yxy color 50.1764, 0.3992, 0.4229.

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

50.1764, 0.3992, 0.4229

Protanopia

50.1710, 0.3919, 0.4261

Deuteranopia

50.0023, 0.4175, 0.4078



Tritanopia

49.9840, 0.3400, 0.3128

Trichromacy



Original Color

50.1764, 0.3992, 0.4229

Protanomaly

50.0333, 0.3943, 0.4243

Deuteranomaly

50.2266, 0.4109, 0.4139

Tritanomaly

49.9323, 0.3627, 0.3531

Monochromacy



Original Color

50.1764, 0.3992, 0.4229

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7343, 0.3440, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1764, 0.3992, 0.4229 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, 186, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 107)  
}
```

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, 186, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 107) }
```

Border

The CSS property to change the border of an element to Yxy 50.1764, 0.3992, 0.4229 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, 186, 107) }
```

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

```
.border{ border-color:rgb(212, 186, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1764, 0.3992, 0.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 107) }
```

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

```
.background{ background-color: rgb(212,  
186, 107) }
```

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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