

Converting Colors

Yxy(66.3188, 0.4155, 0.4933)

Have a look what the booklet for
Yxy(66.3188, 0.4155, 0.4933)
contains.

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Color

Yxy(66.3745, 0.4156, 0.4934)

Conversions

Conversions Part 1

Format	Color
Hex	DEDB2C
RGB	222, 219, 44
RGB Percent	87%, 86%, 17%
CMY	0.1294, 0.1411, 0.8277
CMYK	0.00, 0.01, 0.80, 0.13
HSL	59°, 73%, 52%
HSV	59°, 80%, 87%
XYZ	55.9085, 66.3745, 12.2418
YIQ	199.9470, 57.9630, -53.7890

Conversions

Conversions Part 2

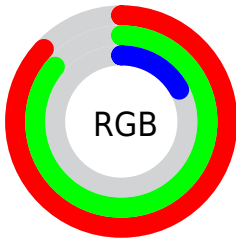
Format	Color
R _{YB}	47, 222, 44
Decimal	14605100
CIE Lab	85.19, -17.21, 77.93
CIE LCh	85, 79.810, 102.455
Yxy	66.3745, 0.4156, 0.4934
Android (android.graphics.Color)	4292795180 (0xFFDEDB2C)
YUV	199.9470, -76.8819, 19.3405
Hunter-Lab	81.4705, -20.0793, 48.1205

Details

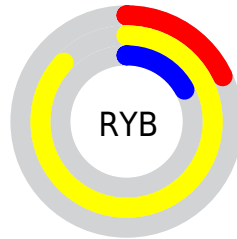
The Yxy color **66.3745, 0.4156, 0.4934** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **7.8358, 0.1640, 0.0844**, and the grayscale version is **58.1784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8415, 0.3957, 0.4661**, and **34.3374, 0.4183, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **66.0590, 0.4200, 0.4999**, and if you desaturate by 10%, it is **66.7858, 0.4085, 0.4825**.

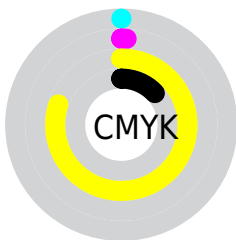
Distribution



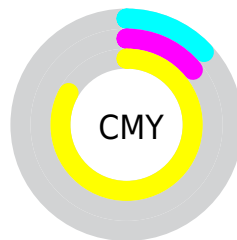
- Red (87%)
- Green (86%)
- Blue (17%)



- Red (18%)
- Yellow (87%)
- Blue (17%)



- Cyan (0%)
- Magenta (1%)
- Yellow (80%)
- Black (13%)




- Cyan (13%)
- Magenta (14%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3745, 0.4156, 0.4934 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 66.3745, 0.4156, 0.4934 by changing the saturation by 10% instead.


 66.3745, 0.4156,
0.4934


 66.3745, 0.4156,
0.4934


447.7150, 0.3753,
0.4207

 48.5765, 0.4217,
0.5074


 114.0237, 0.4039,
0.4699


 34.2836, 0.4273,
0.5231


 144.6436, 0.3987,
0.4602


 23.1116, 0.4315,
0.5399


 180.3063, 0.3939,
0.4516

 14.6759, 0.4370,
0.5630

 221.3962, 0.3894,
0.4440

 8.5923, 0.4269,
0.5731

 268.2976, 0.3854,
0.4372

 4.4762, 0.4117,
0.5883


321.3949, 0.3818,


 1.9433, 0.3865,


0.4311

0.6135


381.0726, 0.3784,
0.4257

 0.5742, 0.1795,
0.8205


 0.0000, 0.0000,
0.0000


 66.3745, 0.4156,
0.4934


 66.3745, 0.4156,
0.4934


 66.0590, 0.4200,
0.4999

 66.7858, 0.4085,
0.4825

 65.8123, 0.4223,
0.5029

 67.2960, 0.3988,
0.4674

 67.9188, 0.3869,
0.4485

 68.6634, 0.3733,
0.4267

69.5379, 0.3585,
0.4030

70.5500, 0.3432,
0.3784

71.7066, 0.3279,
0.3536

73.0142, 0.3130,
0.3295

74.4788, 0.2988,
0.3064

Harmonies

Analogous

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



66.3745, 0.4830, 0.4326



66.3745, 0.4156, 0.4934



66.3745, 0.3271, 0.5111

Triad

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



66.3745, 0.4156, 0.4934



66.3745, 0.1517, 0.2465



66.3745, 0.3716, 0.2413

Complementary

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



66.3745, 0.4156, 0.4934



7.8358, 0.1640, 0.0844

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.



66.3745, 0.2721, 0.2019



66.3745, 0.4156, 0.4934



66.3745, 0.1595, 0.1989

Square

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



66.3745, 0.4156, 0.4934



66.3745, 0.1773, 0.3366



66.3745, 0.1990, 0.1864



66.3745, 0.4641, 0.2982

Rectangle

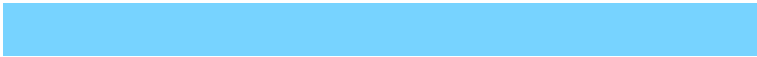
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.3745, 0.4156, 0.4934



66.3745, 0.2671, 0.4779



66.3745, 0.1990, 0.1864



66.3745, 0.3370, 0.2258

Sweetspot

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



66.3776, 0.4156, 0.4934



96.0128, 0.3493, 0.3882



17.5556, 0.5864, 0.3258



20.4454, 0.3548, 0.3971



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.



66.3776, 0.4156, 0.4934



90.2101, 0.4216, 0.5021



57.9023, 0.3487, 0.5427



15.9880, 0.3268, 0.3518



39.1108, 0.4222, 0.5029



2.7237, 0.4218, 0.5033

Inverse Universe

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



7.8358, 0.1640, 0.0844



7.6082, 0.1515, 0.0628



11.5859, 0.2184, 0.1108



13.2799, 0.2980, 0.3052



3.1967, 0.1503, 0.0611



0.2348, 0.1512, 0.0644

Previews

White Background



This preview shows how the Yxy color 66.3745, 0.4156, 0.4934 looks on a white background.

Color Contrast Check

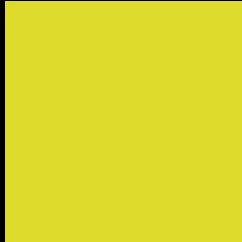
Large Text (above 18pt) WCAG AA × Fail

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 66.3745, 0.4156, 0.4934 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 66.3745, 0.4156, 0.4934

Background



This preview shows how black text looks on a background with the Yxy color 66.3745, 0.4156, 0.4934.



This preview shows how white text looks on a background with the Yxy color 66.3745, 0.4156, 0.4934.

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

66.3745, 0.4156, 0.4934

Protanopia

66.1064, 0.4343, 0.4800

Deuteranopia

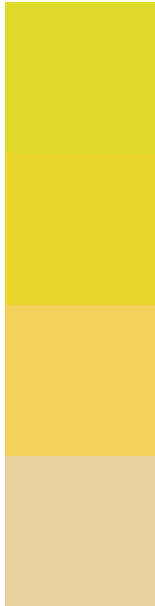
66.2787, 0.4159, 0.4148



Tritanopia

66.1859, 0.3258, 0.3120

Trichromacy



Original Color

66.3745, 0.4156, 0.4934

Protanomaly

66.0989, 0.4277, 0.4846

Deuteranomaly

65.9206, 0.4201, 0.4471

Tritanomaly

64.9902, 0.3687, 0.3880

Monochromacy



Original Color

66.3745, 0.4156, 0.4934

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

60.0187, 0.3599, 0.4054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3745, 0.4156, 0.4934 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(222, 219, 44)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 44)  
}
```

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(222, 219, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 44) }
```

Border

The CSS property to change the border of an element to Yxy 66.3745, 0.4156, 0.4934 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(222, 219, 44) }
```

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

```
.border{ border-color:rgb(222, 219, 44) }
```

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

Here you see how a box with a 4 pixel rgb(222, 219, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 44);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3745, 0.4156, 0.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 44) }
```

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

```
.background{ background-color: rgb(222,  
219, 44) }
```

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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