

Converting Colors

$Yxy(67.0762, 0.3946, 0.4724)$

Have a look what the booklet for
Yxy(67.0762, 0.3946, 0.4724)
contains.

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Color

Yxy(67.1365, 0.3952, 0.4725)

Conversions

Conversions Part 1

Format	Color
Hex	D9DD56
RGB	217, 221, 86
RGB Percent	85%, 87%, 34%
CMY	0.1490, 0.1333, 0.6628
CMYK	0.02, 0.00, 0.61, 0.13
HSL	62°, 67%, 60%
HSV	62°, 61%, 87%
XYZ	56.1531, 67.1365, 18.7982
YIQ	204.4140, 40.9510, -42.8330

Conversions

Conversions Part 2

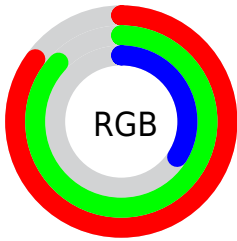
Format	Color
R_{YB}	86, 221, 90
Decimal	14277974
CIE _{Lab}	85.57, -18.27, 63.76
CIE _{LCh}	86, 66.325, 105.986
Yxy	67.1365, 0.3952, 0.4725
Android (android.graphics.Color)	4292468054 (0xFFD9DD56)
YUV	204.4140, -58.3781, 11.0379
Hunter-Lab	81.9369, -21.0596, 43.7533

Details

The Yxy color **67.1365, 0.3952, 0.4725** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **14.0455, 0.1967, 0.1342**, and the grayscale version is **61.0181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7031, 0.3793, 0.4391**, and **34.7179, 0.4073, 0.5029** is the 20% darker color. If you saturate the color by 10%, you get **66.7369, 0.4037, 0.4880**, and if you desaturate by 10%, it is **67.6528, 0.3844, 0.4532**.

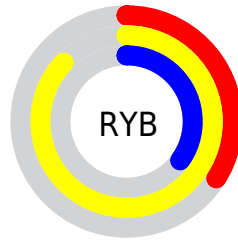
Distribution



Red (85%)

Green (87%)

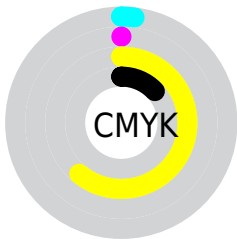
Blue (34%)



Red (34%)

Yellow (87%)

Blue (35%)

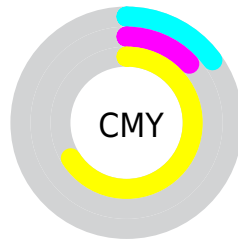


Cyan (2%)

Magenta (0%)

Yellow (61%)

Black (13%)



Cyan (15%)


Magenta (13%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1365, 0.3952, 0.4725 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 67.1365, 0.3952, 0.4725 by changing the saturation by 10% instead.

 67.1365, 0.3952,
0.4725

 67.1365, 0.3952,
0.4725


450.4305, 0.3612,
0.4063


 49.1956, 0.4012,
0.4866


 115.1160, 0.3847,
0.4502


 34.7746, 0.4074,
0.5031


 145.9233, 0.3802,
0.4413

 23.4893, 0.4134,
0.5224


 181.7882, 0.3761,
0.4335

 14.9552, 0.4178,
0.5444

 223.0951, 0.3725,
0.4267

 8.7880, 0.4236,
0.5764

270.2284, 0.3692,
0.4207

 4.6031, 0.4077,
0.5923

323.5725, 0.3663,

 2.0164, 0.3815,

0.4154

0.6185

383.5117, 0.3636,
0.4106

0.6169, 0.1855,
0.8145

0.0000, 0.0000,
0.0000

67.1365, 0.3952,
0.4725

67.1365, 0.3952,
0.4725

66.7369, 0.4037,
0.4880

67.6528, 0.3844,
0.4532

66.4341, 0.4096,
0.4993

68.2857, 0.3718,
0.4310

66.2187, 0.4129,
0.5062

69.0465, 0.3579,
0.4068

66.0813, 0.4141,
0.5094

69.9428, 0.3433,
0.3816

■ 70.9813, 0.3287,
0.3563

■ 72.1687, 0.3143,
0.3316

■ 73.5109, 0.3005,
0.3081

■ 74.5020, 0.2921,
0.2937

■ 74.6056, 0.2925,
0.2937

Harmonies

Analogous

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



67.1365, 0.4536, 0.4284



67.1365, 0.3952, 0.4725



67.1365, 0.3190, 0.4744

Triad

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



67.1365, 0.3952, 0.4725



67.1365, 0.1735, 0.2549



67.1365, 0.3724, 0.2597

Complementary

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



67.1365, 0.3952, 0.4725



14.0455, 0.1967, 0.1342

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.



67.1365, 0.2886, 0.2227



67.1365, 0.3952, 0.4725



67.1365, 0.1834, 0.2158

Square

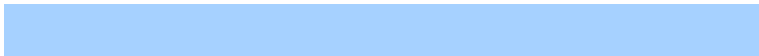
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1365, 0.3952, 0.4725



67.1365, 0.1938, 0.3269



67.1365, 0.2221, 0.2067



67.1365, 0.4450, 0.3114

Rectangle

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



67.1365, 0.3952, 0.4725



67.1365, 0.2682, 0.4411



67.1365, 0.2221, 0.2067



67.1365, 0.3440, 0.2453

Sweetspot

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



67.1396, 0.3952, 0.4725



97.1319, 0.3390, 0.3741



23.0617, 0.5039, 0.3319



20.7045, 0.3433, 0.3815



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.



67.1396, 0.3952, 0.4725



92.1787, 0.4054, 0.4913



58.9887, 0.3437, 0.5025



15.2432, 0.3262, 0.3521



38.3955, 0.4142, 0.5093



2.4938, 0.4151, 0.5086

Inverse Universe

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



14.0455, 0.1967, 0.1342



12.9278, 0.1746, 0.0981



18.9154, 0.2515, 0.1584



12.6355, 0.2985, 0.3048



3.0657, 0.1510, 0.0605



0.2052, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 67.1365, 0.3952, 0.4725 looks on a white background.

Color Contrast Check

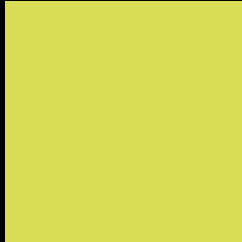
Large Text (above 18pt) WCAG AA × Fail

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 67.1365, 0.3952, 0.4725 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 67.1365, 0.3952, 0.4725

Background



This preview shows how black text looks on a background with the Yxy color 67.1365, 0.3952, 0.4725.



This preview shows how white text looks on a background with the Yxy color 67.1365, 0.3952, 0.4725.

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

67.1365, 0.3952, 0.4725

Protanopia

66.9104, 0.4174, 0.4586

Deuteranopia

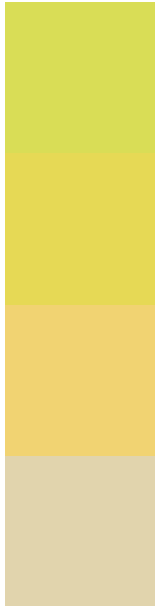
67.0143, 0.4085, 0.4065



Tritanopia

66.7764, 0.3188, 0.3118

Trichromacy



Original Color

67.1365, 0.3952, 0.4725

Protanomaly

67.1046, 0.4085, 0.4640

Deuteranomaly

66.5042, 0.4050, 0.4303

Tritanomaly

66.1116, 0.3505, 0.3729

Monochromacy



Original Color

67.1365, 0.3952, 0.4725

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

62.2217, 0.3469, 0.3870

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1365, 0.3952, 0.4725 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, 221, 86)` looks like.

```
.text, #text, p{  
    color:rgb(217, 221, 86)  
}
```

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, 221, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 221, 86) }
```

Border

The CSS property to change the border of an element to Yxy 67.1365, 0.3952, 0.4725 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, 221, 86) }
```

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

```
.border{ border-color:rgb(217, 221, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 221, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 221, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 221, 86);  
box-shadow:4px 4px 4px 4px rgb(217, 221,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1365, 0.3952, 0.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 221, 86) }
```

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

```
.background{ background-color: rgb(217,  
221, 86) }
```

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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