

Converting Colors

Yxy(69.1045, 0.4158, 0.4662)

Have a look what the booklet for
Yxy(69.1045, 0.4158, 0.4662)
contains.

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Color

Yxy(69.2321, 0.4155, 0.4665)

Conversions

Conversions Part 1

Format	Color
Hex	EEDB4F
RGB	237, 219, 79
RGB Percent	93%, 86%, 31%
CMY	0.0707, 0.1411, 0.6901
CMYK	0.00, 0.08, 0.67, 0.07
HSL	53°, 81%, 62%
HSV	53°, 67%, 93%
XYZ	61.6633, 69.2321, 17.5121
YIQ	208.4220, 55.6680, -39.7240

Conversions

Conversions Part 2

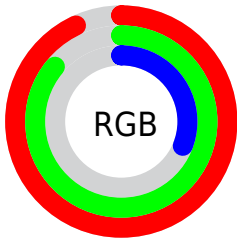
Format	Color
R_{YB}	99, 237, 79
Decimal	15588175
CIE Lab	86.62, -9.48, 68.16
CIE LCh	87, 68.820, 97.915
Yxy	69.2321, 0.4155, 0.4665
Android (android.graphics.Color)	4293778255 (0xFFEDDB4F)
YUV	208.4220, -63.8050, 25.0629
Hunter-Lab	83.2058, -13.3250, 45.7655

Details

The Yxy color **69.2321, 0.4155, 0.4665** 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 **16.3221, 0.1880, 0.1347**, and the grayscale version is **63.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5293, 0.3824, 0.4443**, and **36.0378, 0.4323, 0.4916** is the 20% darker color. If you saturate the color by 10%, you get **67.5543, 0.4263, 0.4780**, and if you desaturate by 10%, it is **71.0621, 0.4023, 0.4509**.

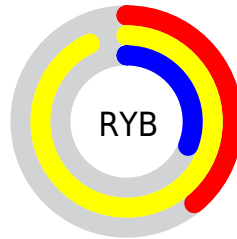
Distribution



Red (93%)

Green (86%)

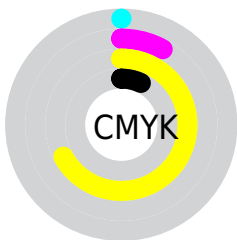
Blue (31%)



Red (39%)

Yellow (93%)

Blue (31%)

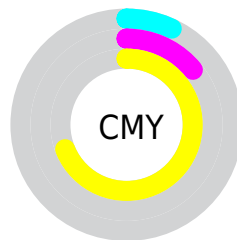


Cyan (0%)

Magenta (8%)

Yellow (67%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2321, 0.4155, 0.4665 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 69.2321, 0.4155, 0.4665 by changing the saturation by 10% instead.

 69.2321, 0.4155,
0.4665


 69.2321, 0.4155,
0.4665


457.8491, 0.3726,
0.4057

 50.9008, 0.4233,
0.4786


 118.1130, 0.4021,
0.4466


 36.1296, 0.4316,
0.4924


 149.4314, 0.3964,
0.4385


 24.5343, 0.4400,
0.5077


 185.8476, 0.3913,
0.4313

 15.7305, 0.4475,
0.5241

 227.7459, 0.3867,
0.4250

 9.3336, 0.4554,
0.5446

 275.5109, 0.3826,
0.4194

 4.9594, 0.4478,
0.5522

329.5268, 0.3789,

 2.2235, 0.4353,

0.4143

0.5647

390.1781, 0.3756,
0.4098

■ 0.7327, 0.3883,
0.6117

■ 0.0000, 0.0000,
0.0000

■ 69.2321, 0.4155,
0.4665

■ 69.2321, 0.4155,
0.4665

■ 67.5543, 0.4263,
0.4780

■ 71.0621, 0.4023,
0.4509

■ 66.0051, 0.4344,
0.4850


■ 73.0465, 0.3873,
0.4321


■ 64.5703, 0.4398,
0.4876


■ 75.1988, 0.3713,
0.4110


■ 64.1068, 0.4412,
0.4879


■ 77.5287, 0.3548,
0.3886

 80.0448, 0.3385,
0.3659

 82.7551, 0.3227,
0.3435

 85.6672, 0.3079,
0.3219

 87.8810, 0.3018,
0.3146

 89.4850, 0.3018,
0.3173

Harmonies

Analogous

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



69.2321, 0.4673, 0.4146



69.2321, 0.4155, 0.4665



69.2321, 0.3404, 0.4841

Triad

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



69.2321, 0.4155, 0.4665



69.2321, 0.1728, 0.2693



69.2321, 0.3504, 0.2461

Complementary

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



69.2321, 0.4155, 0.4665



16.3221, 0.1880, 0.1347

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.



69.2321, 0.2671, 0.2137



69.2321, 0.4155, 0.4665



69.2321, 0.1749, 0.2205

Square

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



69.2321, 0.4155, 0.4665



69.2321, 0.2020, 0.3510



69.2321, 0.2064, 0.2038



69.2321, 0.4317, 0.2955

Rectangle

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



69.2321, 0.4155, 0.4665



69.2321, 0.2872, 0.4617



69.2321, 0.2064, 0.2038



69.2321, 0.3212, 0.2331

Sweetspot

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



69.2354, 0.4155, 0.4665



93.4942, 0.3440, 0.3737



24.4664, 0.5089, 0.3121



19.8319, 0.3486, 0.3801



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.



69.2354, 0.4155, 0.4665



79.0978, 0.4296, 0.4811



70.4013, 0.3589, 0.5085



17.3173, 0.3271, 0.3497



35.1302, 0.4408, 0.4882



2.8418, 0.4374, 0.4909

Inverse Universe

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



16.3221, 0.1880, 0.1347



12.8486, 0.1674, 0.0983



17.2452, 0.2252, 0.1347



14.8247, 0.2980, 0.3074



3.8597, 0.1523, 0.0683



0.3944, 0.1572, 0.0859

Previews

White Background



This preview shows how the Yxy color 69.2321, 0.4155, 0.4665 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 69.2321, 0.4155, 0.4665 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 69.2321, 0.4155, 0.4665

Background



This preview shows how black text looks on a background with the Yxy color 69.2321, 0.4155, 0.4665.

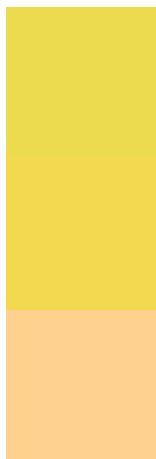


This preview shows how white text looks on a background with the Yxy color 69.2321, 0.4155, 0.4665.

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

69.2321, 0.4155, 0.4665

Protanopia

69.0675, 0.4208, 0.4625

Deuteranopia

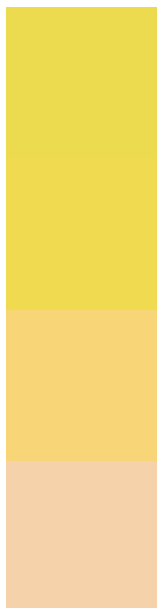
68.8139, 0.3984, 0.3978



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

69.2321, 0.4155, 0.4665

Protanomaly

69.2326, 0.4186, 0.4643

Deuteranomaly

68.8769, 0.4064, 0.4252

Tritanomaly

68.3702, 0.3701, 0.3728

Monochromacy



Original Color

69.2321, 0.4155, 0.4665

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.7202, 0.3544, 0.3875

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2321, 0.4155, 0.4665 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(237, 219, 79)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 79)  
}
```

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(237, 219, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 79) }
```

Border

The CSS property to change the border of an element to Yxy 69.2321, 0.4155, 0.4665 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(237, 219, 79) }
```

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

```
.border{ border-color:rgb(237, 219, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 219, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 79);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2321, 0.4155, 0.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 79) }
```

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

```
.background{ background-color: rgb(237,  
219, 79) }
```

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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