

Converting Colors

Yxy(64.3883, 0.4148, 0.4488)

Have a look what the booklet for
Yxy(64.3883, 0.4148, 0.4488)
contains.

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Color

Yxy(64.2241, 0.4145, 0.4484)

Conversions

Conversions Part 1

Format	Color
Hex	ECD15D
RGB	236, 209, 93
RGB Percent	93%, 82%, 36%
CMY	0.0745, 0.1804, 0.6351
CMYK	0.00, 0.11, 0.61, 0.07
HSL	49°, 79%, 65%
HSV	49°, 61%, 93%
XYZ	59.3686, 64.2241, 19.6368
YIQ	203.8490, 53.3280, -30.3520

Conversions

Conversions Part 2

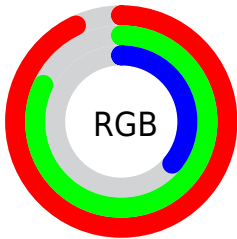
Format	Color
RYB	126, 236, 93
Decimal	15520093
CIELab	84.08, -3.98, 59.56
CIELCh	84, 59.692, 93.824
Yxy	64.2241, 0.4145, 0.4484
Android (android.graphics.Color)	4293710173 (0xFFECD15D)
YUV	203.8490, -54.6486, 28.1964
Hunter-Lab	80.1399, -8.0100, 41.5701

Details

The Yxy color **64.2241, 0.4145, 0.4484** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **21.8302, 0.2023, 0.1674**, and the grayscale version is **60.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8866, 0.3761, 0.4338**, and **32.9297, 0.4331, 0.4722** is the 20% darker color. If you saturate the color by 10%, you get **61.7151, 0.4293, 0.4616**, and if you desaturate by 10%, it is **66.9293, 0.3980, 0.4318**.

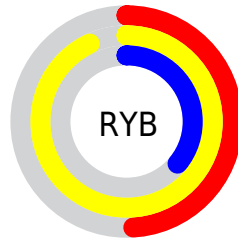
Distribution



Red (93%)

Green (82%)

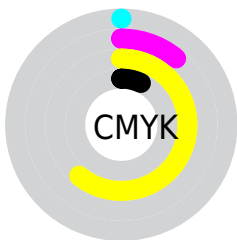
Blue (36%)



Red (49%)

Yellow (93%)

Blue (36%)

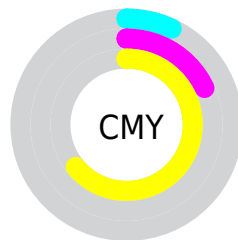


Cyan (0%)

Magenta (11%)

Yellow (61%)

Black (7%)



Cyan (7%)


Magenta (18%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2241, 0.4145, 0.4484 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 64.2241, 0.4145, 0.4484 by changing the saturation by 10% instead.


 64.2241, 0.4145,
0.4484


 64.2241, 0.4145,
0.4484


439.9985, 0.3698,
0.3948


 46.8322, 0.4234,
0.4594

 110.9336, 0.3999,
0.4306


 32.9030, 0.4334,
0.4721


 141.0200, 0.3939,
0.4234

 22.0522, 0.4444,
0.4865


 176.1067, 0.3887,
0.4171

 13.8952, 0.4557,
0.5023

 216.5781, 0.3840,
0.4116

 8.0478, 0.4734,
0.5266

262.8186, 0.3798,
0.4066

 4.1256, 0.4699,
0.5301

315.2125, 0.3761,

 1.7441, 0.4640,

0.4022

0.5360

374.1444, 0.3728,
0.3983

■ 0.4519, 0.4238,
0.5762

■ 0.0000, 0.0000,
0.0000

■ 64.2241, 0.4145,
0.4484

■ 64.2241, 0.4145,
0.4484

■ 61.7151, 0.4293,
0.4616

■ 66.9293, 0.3980,
0.4318

■ 59.3805, 0.4417,
0.4704


■ 69.8329, 0.3805,
0.4127


■ 57.2081, 0.4512,
0.4746


■ 72.9479, 0.3628,
0.3921

■ 55.2838, 0.4578,
0.4747


■ 76.2837, 0.3455,
0.3711

 79.8489, 0.3290,
0.3502

 83.6513, 0.3136,
0.3301

 87.4871, 0.3012,
0.3142

 90.1456, 0.3012,
0.3187

 92.8691, 0.3012,
0.3231

Harmonies

Analogous

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



64.2241, 0.4555, 0.4012



64.2241, 0.4145, 0.4484



64.2241, 0.3490, 0.4670

Triad

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



64.2241, 0.4145, 0.4484



64.2241, 0.1880, 0.2853



64.2241, 0.3361, 0.2489

Complementary

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



64.2241, 0.4145, 0.4484



21.8302, 0.2023, 0.1674

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.



64.2241, 0.2633, 0.2217



64.2241, 0.4145, 0.4484



64.2241, 0.1857, 0.2360

Square

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



64.2241, 0.4145, 0.4484



64.2241, 0.2194, 0.3604



64.2241, 0.2111, 0.2161



64.2241, 0.4101, 0.2927

Rectangle

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



64.2241, 0.4145, 0.4484



64.2241, 0.3008, 0.4515



64.2241, 0.2111, 0.2161



64.2241, 0.3104, 0.2377

Sweetspot

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



64.2271, 0.4145, 0.4484



91.9833, 0.3413, 0.3659



27.0674, 0.4647, 0.2995



19.4292, 0.3463, 0.3720



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.



64.2271, 0.4145, 0.4484



72.7978, 0.4330, 0.4644



72.1302, 0.3659, 0.4888



17.1153, 0.3273, 0.3480



30.6560, 0.4571, 0.4753



2.5318, 0.4509, 0.4802

Inverse Universe

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



21.8302, 0.2023, 0.1674



18.3795, 0.1809, 0.1307



19.1244, 0.2249, 0.1473



15.0091, 0.2980, 0.3093



4.4928, 0.1550, 0.0781



0.4816, 0.1616, 0.1017

Previews

White Background



This preview shows how the Yxy color 64.2241, 0.4145, 0.4484 looks on a white background.

Color Contrast Check

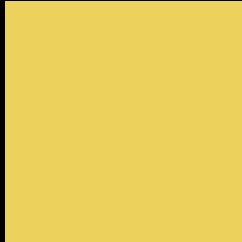
Large Text (above 18pt) WCAG AA × Fail

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 64.2241, 0.4145, 0.4484 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 64.2241, 0.4145, 0.4484

Background



This preview shows how black text looks on a background with the Yxy color 64.2241, 0.4145, 0.4484.



This preview shows how white text looks on a background with the Yxy color 64.2241, 0.4145, 0.4484.

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

64.2241, 0.4145, 0.4484

Protanopia

64.2071, 0.4114, 0.4506

Deuteranopia

64.2482, 0.4223, 0.4164



Tritanopia

63.8262, 0.3407, 0.3123

Trichromacy



Original Color

64.2241, 0.4145, 0.4484

Protanomaly

64.3759, 0.4123, 0.4502

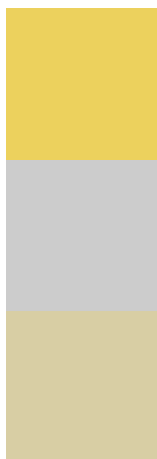
Deuteranomaly

64.1828, 0.4199, 0.4285

Tritanomaly

63.5151, 0.3704, 0.3638

Monochromacy



Original Color

64.2241, 0.4145, 0.4484

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4219, 0.3514, 0.3780

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2241, 0.4145, 0.4484 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(236, 209, 93)` looks like.

```
.text, #text, p{  
    color:rgb(236, 209, 93)  
}
```

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(236, 209, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 209, 93) }
```

Border

The CSS property to change the border of an element to Yxy 64.2241, 0.4145, 0.4484 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(236, 209, 93) }
```

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

```
.border{ border-color:rgb(236, 209, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 209, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 209, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 209, 93);  
box-shadow:4px 4px 4px 4px rgb(236, 209,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2241, 0.4145, 0.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 209, 93) }
```

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

```
.background{ background-color: rgb(236,  
209, 93) }
```

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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