

Converting Colors

Yxy(64.5414, 0.3955, 0.4659)

Have a look what the booklet for
Yxy(64.5414, 0.3955, 0.4659)
contains.

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Color

Yxy(64.4488, 0.3954, 0.4657)

Conversions

Conversions Part 1

Format	Color
Hex	D8D85A
RGB	216, 216, 90
RGB Percent	85%, 85%, 35%
CMY	0.1529, 0.1529, 0.6472
CMYK	0.00, 0.00, 0.58, 0.15
HSL	60°, 62%, 60%
HSV	60°, 58%, 85%
XYZ	54.7199, 64.4488, 19.2225
YIQ	201.6360, 40.4460, -39.1860

Conversions

Conversions Part 2

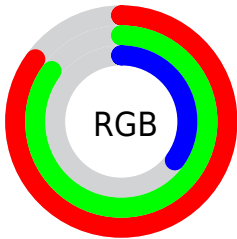
Format	Color
R_{YB}	90, 216, 90
Decimal	14211162
CIE _{Lab}	84.20, -15.94, 60.56
CIE _{LCh}	84, 62.624, 104.750
Yxy	64.4488, 0.3954, 0.4657
Android (android.graphics.Color)	4292401242 (0xFFD8D85A)
YUV	201.6360, -55.0365, 12.5972
Hunter-Lab	80.2800, -18.8221, 41.9994

Details

The Yxy color **64.4488, 0.3954, 0.4657** 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 **14.4391, 0.1999, 0.1424**, and the grayscale version is **59.1548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7936, 0.3777, 0.4365**, and **32.8686, 0.4088, 0.4954** is the 20% darker color. If you saturate the color by 10%, you get **64.1359, 0.4051, 0.4817**, and if you desaturate by 10%, it is **64.8745, 0.3835, 0.4461**.

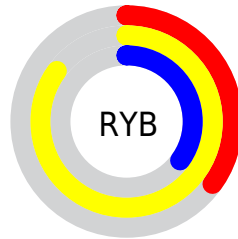
Distribution



Red (85%)

Green (85%)

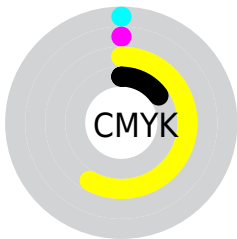
Blue (35%)



Red (35%)

Yellow (85%)

Blue (35%)

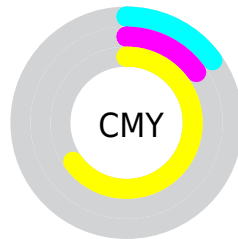


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4488, 0.3954, 0.4657 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 64.4488, 0.3954, 0.4657 by changing the saturation by 10% instead.


 64.4488, 0.3954,
0.4657

 64.4488, 0.3954,
0.4657

440.8085, 0.3604,
0.4022


 47.0143, 0.4018,
0.4794


 111.2570, 0.3844,
0.4442


 33.0469, 0.4087,
0.4955


 141.3995, 0.3797,
0.4356

 22.1624, 0.4157,
0.5145


 176.5468, 0.3756,
0.4282

 13.9763, 0.4215,
0.5363

 217.0832, 0.3719,
0.4217

 8.1042, 0.4303,
0.5697

263.3932, 0.3686,
0.4159

 4.1617, 0.4157,
0.5843


315.8612, 0.3656,

 1.7644, 0.3911,


0.4108


0.6089


374.8715, 0.3629,
0.4063


 0.4648, 0.1017,
0.8983


 0.0000, 0.0000,
0.0000


 64.4488, 0.3954,
0.4657

 64.4488, 0.3954,
0.4657


 64.1359, 0.4051,
0.4817


 64.8745, 0.3835,
0.4461

 63.9172, 0.4123,
0.4936


 65.4125, 0.3700,
0.4236


 63.7847, 0.4168,
0.5011

 66.0734, 0.3553,
0.3994

 63.7215, 0.4190,
0.5048

 66.8640, 0.3402,
0.3744


 63.7136, 0.4193,
0.5053

 67.7907, 0.3250,
0.3494

 68.8596, 0.3103,
0.3250

 70.0763, 0.2963,
0.3019

 70.9347, 0.2878,
0.2879

 70.9348, 0.2878,
0.2879

Harmonies

Analogous

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



64.4488, 0.4501, 0.4232



64.4488, 0.3954, 0.4657



64.4488, 0.3225, 0.4686

Triad

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



64.4488, 0.3954, 0.4657



64.4488, 0.1787, 0.2605



64.4488, 0.3667, 0.2605

Complementary

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



64.4488, 0.3954, 0.4657



14.4391, 0.1999, 0.1424

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.



64.4488, 0.2867, 0.2254



64.4488, 0.3954, 0.4657



64.4488, 0.1870, 0.2211

Square

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



64.4488, 0.3954, 0.4657



64.4488, 0.1998, 0.3308



64.4488, 0.2235, 0.2109



64.4488, 0.4371, 0.3102

Rectangle

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



64.4488, 0.3954, 0.4657



64.4488, 0.2733, 0.4384



64.4488, 0.2235, 0.2109



64.4488, 0.3395, 0.2468

Sweetspot

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



64.4518, 0.3954, 0.4657



97.3882, 0.3399, 0.3740



22.6459, 0.4921, 0.3295



20.7682, 0.3444, 0.3813



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.



64.4518, 0.3954, 0.4657



93.3079, 0.4070, 0.4849



56.6239, 0.3448, 0.4938



14.5200, 0.3266, 0.3520



37.7098, 0.4193, 0.5053



2.2745, 0.4193, 0.5053

Inverse Universe

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



14.4391, 0.1999, 0.1424



14.0153, 0.1771, 0.1048



19.0379, 0.2531, 0.1651



12.0088, 0.2981, 0.3049



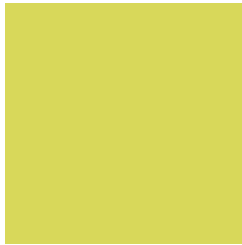
2.9346, 0.1500, 0.0600



0.1770, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 64.4488, 0.3954, 0.4657 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 64.4488, 0.3954, 0.4657 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 64.4488, 0.3954, 0.4657

Background



This preview shows how black text looks on a background with the Yxy color 64.4488, 0.3954, 0.4657.



This preview shows how white text looks on a background with the Yxy color 64.4488, 0.3954, 0.4657.

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

64.4488, 0.3954, 0.4657

Protanopia

64.2902, 0.4149, 0.4541

Deuteranopia

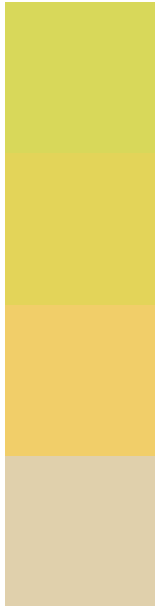
64.2482, 0.4223, 0.4164



Tritanopia

64.4844, 0.3212, 0.3117

Trichromacy



Original Color

64.4488, 0.3954, 0.4657

Protanomaly

64.1391, 0.4074, 0.4582

Deuteranomaly

63.8633, 0.4136, 0.4337

Tritanomaly

63.9376, 0.3514, 0.3699

Monochromacy



Original Color

64.4488, 0.3954, 0.4657

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.4643, 0.3460, 0.3840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4488, 0.3954, 0.4657 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(216, 216, 90)` looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 90)  
}
```

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(216, 216, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 90) }
```

Border

The CSS property to change the border of an element to Yxy 64.4488, 0.3954, 0.4657 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(216, 216, 90) }
```

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

```
.border{ border-color:rgb(216, 216, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 90);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4488, 0.3954, 0.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 90) }
```

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

```
.background{ background-color: rgb(216,  
216, 90) }
```

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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