

Converting Colors

$Yxy(64.2645, 0.3715, 0.4258)$

Have a look what the booklet for
Yxy(64.2645, 0.3715, 0.4258)
contains.

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Color

Yxy(64.1519, 0.3720, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	D7D682
RGB	215, 214, 130
RGB Percent	84%, 84%, 51%
CMY	0.1569, 0.1608, 0.4901
CMYK	0.00, 0.00, 0.40, 0.16
HSL	59°, 51%, 68%
HSV	59°, 40%, 84%
XYZ	56.0990, 64.1519, 30.5528
YIQ	204.7230, 27.5600, -25.9120

Conversions

Conversions Part 2

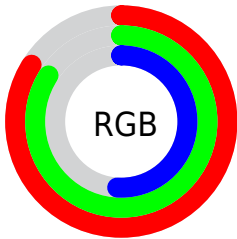
Format	Color
RYB	131, 215, 130
Decimal	14145154
CIELab	84.04, -11.81, 41.55
CIElCh	84, 43.201, 105.871
Yxy	64.1519, 0.3720, 0.4254
Android (android.graphics.Color)	4292335234 (0xFFD7D682)
YUV	204.7230, -36.8384, 9.0129
Hunter-Lab	80.0949, -15.1435, 33.4498

Details

The Yxy color **64.1519, 0.3720, 0.4254** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.8878, 0.2402, 0.2101**, and the grayscale version is **61.0924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **32.7317, 0.3847, 0.4479** is the 20% darker color. If you saturate the color by 10%, you get **63.5108, 0.3856, 0.4474**, and if you desaturate by 10%, it is **64.9197, 0.3573, 0.4016**.

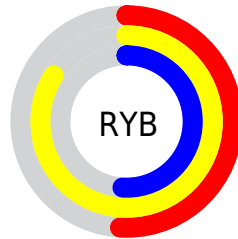
Distribution



Red (84%)

Green (84%)

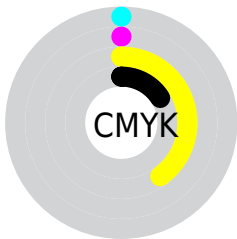
Blue (51%)



Red (51%)

Yellow (84%)

Blue (51%)

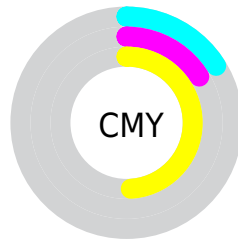


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1519, 0.3720, 0.4254 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 64.1519, 0.3720, 0.4254 by changing the saturation by 10% instead.

 64.1519, 0.3720,
0.4254


 64.1519, 0.3720,
0.4254


439.7380, 0.3454,
0.3795


 46.7737, 0.3776,
0.4359


 110.8297, 0.3631,
0.4094

 32.8568, 0.3843,
0.4489


 140.8980, 0.3595,
0.4032

 22.0168, 0.3921,
0.4650


 175.9653, 0.3564,
0.3978

 13.8692, 0.4011,
0.4855

216.4157, 0.3536,
0.3932

 8.0298, 0.4107,
0.5117

262.6338, 0.3512,
0.3891

 4.1140, 0.4345,
0.5655


315.0040, 0.3490,

 1.7375, 0.4163,


0.3856


0.5837


373.9106, 0.3471,
0.3824


 0.4478, 0.2345,
0.7655


 0.0000, 0.0000,
0.0000


 64.1519, 0.3720,
0.4254

 64.1519, 0.3720,
0.4254


 63.5108, 0.3856,
0.4474


 64.9197, 0.3573,
0.4016


 62.9800, 0.3975,
0.4665

 65.8122, 0.3421,
0.3768


 62.5540, 0.4073,
0.4820


 66.8389, 0.3268,
0.3520


 62.2233, 0.4144,
0.4933

 68.0057, 0.3120,
0.3279

 61.9764, 0.4190,
0.5002


 69.3181, 0.2979,
0.3048


 61.7940, 0.4213,
0.5035

 70.5201, 0.2871,
0.2872

 61.7858, 0.4214,
0.5036

 70.6470, 0.2871,
0.2875

 70.7741, 0.2872,
0.2878

 70.9015, 0.2872,
0.2880

Harmonies

Analogous

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



64.1519, 0.4097, 0.4009



64.1519, 0.3720, 0.4254



64.1519, 0.3203, 0.4215

Triad

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



64.1519, 0.3720, 0.4254



64.1519, 0.2153, 0.2814



64.1519, 0.3530, 0.2812

Complementary

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



64.1519, 0.3720, 0.4254



25.8878, 0.2402, 0.2101

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.



64.1519, 0.2975, 0.2542



64.1519, 0.3720, 0.4254



64.1519, 0.2221, 0.2517

Square

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



64.1519, 0.3720, 0.4254



64.1519, 0.2315, 0.3301



64.1519, 0.2507, 0.2432



64.1519, 0.3998, 0.3192

Rectangle

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



64.1519, 0.3720, 0.4254



64.1519, 0.2851, 0.3999



64.1519, 0.2507, 0.2432



64.1519, 0.3345, 0.2707

Sweetspot

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



64.1548, 0.3720, 0.4254



97.9583, 0.3308, 0.3584



32.0680, 0.4099, 0.3275



20.9235, 0.3328, 0.3617



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.



64.1548, 0.3720, 0.4254



93.6535, 0.3829, 0.4430



59.1975, 0.3387, 0.4382



14.4942, 0.3267, 0.3518



36.9712, 0.4213, 0.5037



2.2380, 0.4210, 0.5040

Inverse Universe

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



25.8878, 0.2402, 0.2101



30.1425, 0.2231, 0.1821



29.5458, 0.2753, 0.2194



12.0314, 0.2981, 0.3052



2.9774, 0.1502, 0.0608



0.1879, 0.1509, 0.0633

Previews

White Background



This preview shows how the Yxy color 64.1519, 0.3720, 0.4254 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 64.1519, 0.3720, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

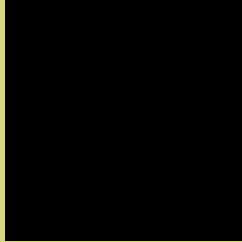
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1519, 0.3720, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 64.1519, 0.3720, 0.4254.



This preview shows how white text looks on a background with the Yxy color 64.1519, 0.3720, 0.4254.

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

64.1519, 0.3720, 0.4254

Protanopia

64.3097, 0.3866, 0.4196

Deuteranopia

63.8847, 0.4078, 0.3984



Tritanopia

63.8339, 0.3181, 0.3115

Trichromacy



Original Color

64.1519, 0.3720, 0.4254

Protanomaly

64.0208, 0.3813, 0.4209

Deuteranomaly

63.6793, 0.3945, 0.4078

Tritanomaly

63.5857, 0.3380, 0.3518

Monochromacy



Original Color

64.1519, 0.3720, 0.4254

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8814, 0.3350, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1519, 0.3720, 0.4254 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(215, 214, 130)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 130)  
}
```

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(215, 214, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 130) }
```

Border

The CSS property to change the border of an element to Yxy 64.1519, 0.3720, 0.4254 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(215, 214, 130) }
```

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

```
.border{ border-color:rgb(215, 214, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 130);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1519, 0.3720, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 130) }
```

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

```
.background{ background-color: rgb(215,  
214, 130) }
```

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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