

Converting Colors

Yxy(64.8169, 0.3589, 0.4022)

Have a look what the booklet for
Yxy(64.8169, 0.3589, 0.4022)
contains.

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Color

Yxy(64.8941, 0.3592, 0.4028)

Conversions

Conversions Part 1

Format	Color
Hex	D8D696
RGB	216, 214, 150
RGB Percent	85%, 84%, 59%
CMY	0.1530, 0.1608, 0.4116
CMYK	0.00, 0.01, 0.31, 0.15
HSL	58°, 46%, 72%
HSV	58°, 31%, 85%
XYZ	57.8698, 64.8941, 38.3436
YIQ	207.3020, 21.7360, -19.4800

Conversions

Conversions Part 2

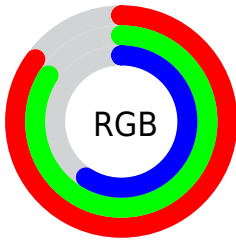
Format	Color
R _{YB}	152, 216, 150
Decimal	14210710
CIE Lab	84.43, -9.10, 31.92
CIE LCh	84, 33.192, 105.918
Yxy	64.8941, 0.3592, 0.4028
Android (android.graphics.Color)	4292400790 (0xFFD8D696)
YUV	207.3020, -28.2499, 7.6281
Hunter-Lab	80.5569, -12.7451, 28.1689

Details

The Yxy color **64.8941, 0.3592, 0.4028** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9057, 0.2592, 0.2427**, and the grayscale version is **62.7791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **33.1517, 0.3699, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **63.9363, 0.3741, 0.4262**, and if you desaturate by 10%, it is **65.9873, 0.3438, 0.3785**.

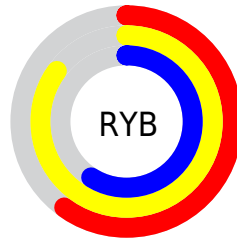
Distribution



Red (85%)

Green (84%)

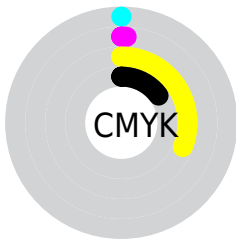
Blue (59%)



Red (60%)

Yellow (85%)

Blue (59%)

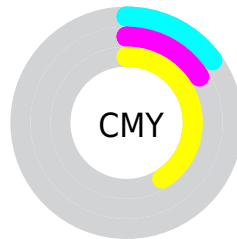


Cyan (0%)

Magenta (1%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (16%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8941, 0.3592, 0.4028 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 64.8941, 0.3592, 0.4028 by changing the saturation by 10% instead.

 64.8941, 0.3592,
0.4028


 64.8941, 0.3592,
0.4028


442.4113, 0.3379,
0.3676

 47.3752, 0.3639,
0.4110


 111.8976, 0.3519,
0.3904

 33.3324, 0.3696,
0.4212


 142.1510, 0.3490,
0.3857

 22.3812, 0.3766,
0.4341


177.4180, 0.3466,
0.3816

 14.1373, 0.3852,
0.4509

218.0831, 0.3444,
0.3780

 8.2162, 0.3958,
0.4735

264.5305, 0.3425,
0.3749

 4.2336, 0.4092,
0.5057

317.1448, 0.3408,

 1.8051, 0.4337,

0.3722

0.5663

376.3102, 0.3393,
0.3698

0.4903, 0.3321,
0.6679

0.0000, 0.0000,
0.0000

64.8941, 0.3592,
0.4028

64.8941, 0.3592,
0.4028

63.9363, 0.3741,
0.4262

65.9873, 0.3438,
0.3785

63.0981, 0.3880,
0.4477

67.2137, 0.3284,
0.3541

62.3747, 0.4001,
0.4663

68.5822, 0.3135,
0.3302

61.7574, 0.4101,
0.4812

70.0985, 0.2993,
0.3075

61.2364, 0.4175,
0.4919

71.5716, 0.2879,
0.2892

60.7999, 0.4222,
0.4983

71.9071, 0.2879,
0.2899

60.4451, 0.4247,
0.5010

72.2438, 0.2879,
0.2906

72.5819, 0.2880,
0.2913

72.9214, 0.2880,
0.2920

Harmonies

Analogous

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



64.8941, 0.3876, 0.3858



64.8941, 0.3592, 0.4028



64.8941, 0.3194, 0.3983

Triad

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



64.8941, 0.3592, 0.4028



64.8941, 0.2365, 0.2933



64.8941, 0.3439, 0.2918

Complementary

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



64.8941, 0.3592, 0.4028



33.9057, 0.2592, 0.2427

Split Complementary

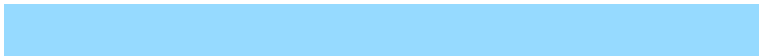
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.8941, 0.3016, 0.2702



64.8941, 0.3592, 0.4028



64.8941, 0.2418, 0.2692

Square

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



64.8941, 0.3592, 0.4028



64.8941, 0.2497, 0.3306



64.8941, 0.2648, 0.2617



64.8941, 0.3792, 0.3223

Rectangle

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



64.8941, 0.3592, 0.4028



64.8941, 0.2921, 0.3821



64.8941, 0.2648, 0.2617



64.8941, 0.3299, 0.2833

Sweetspot

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



64.8970, 0.3592, 0.4028



98.1702, 0.3262, 0.3506



38.6954, 0.3790, 0.3265



20.9526, 0.3284, 0.3541



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.



64.8970, 0.3592, 0.4028



93.5468, 0.3695, 0.4189



61.6488, 0.3344, 0.4113



14.4530, 0.3267, 0.3514



35.8120, 0.4246, 0.5011



2.1806, 0.4236, 0.5018

Inverse Universe

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



33.9057, 0.2592, 0.2427



41.1269, 0.2451, 0.2198



36.5820, 0.2846, 0.2460



12.0678, 0.2981, 0.3056



3.0459, 0.1506, 0.0620



0.2053, 0.1524, 0.0685

Previews

White Background



This preview shows how the Yxy color 64.8941, 0.3592, 0.4028 looks on a white background.

Color Contrast Check

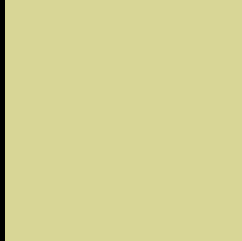
Large Text (above 18pt) WCAG AA × Fail

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 64.8941, 0.3592, 0.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

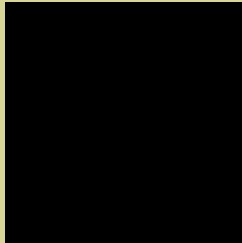
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

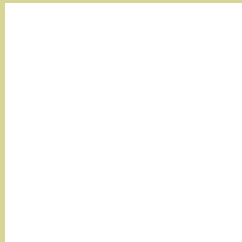
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8941, 0.3592, 0.4028

Background



This preview shows how black text looks on a background with the Yxy color 64.8941, 0.3592, 0.4028.



This preview shows how white text looks on a background with the Yxy color 64.8941, 0.3592, 0.4028.

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

64.8941, 0.3592, 0.4028

Protanopia

64.5940, 0.3702, 0.3976

Deuteranopia

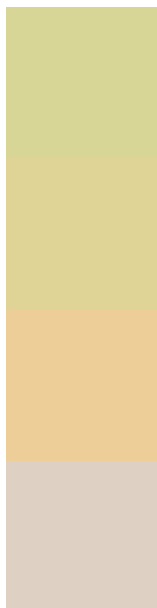
64.8650, 0.3892, 0.3808



Tritanopia

64.8907, 0.3166, 0.3116

Trichromacy



Original Color

64.8941, 0.3592, 0.4028

Protanomaly

64.4464, 0.3666, 0.3994

Deuteranomaly

64.5868, 0.3785, 0.3881

Tritanomaly

64.5815, 0.3328, 0.3437

Monochromacy



Original Color

64.8941, 0.3592, 0.4028

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3400, 0.3296, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8941, 0.3592, 0.4028 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, 214, 150)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 150)  
}
```

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, 214, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 150) }
```

Border

The CSS property to change the border of an element to Yxy 64.8941, 0.3592, 0.4028 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, 214, 150) }
```

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

```
.border{ border-color:rgb(216, 214, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 150);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8941, 0.3592, 0.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 150) }
```

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

```
.background{ background-color: rgb(216,  
214, 150) }
```

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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