

Converting Colors

Yxy(59.0335, 0.4010, 0.4749)

Have a look what the booklet for
Yxy(59.0335, 0.4010, 0.4749)
contains.

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Color

Yxy(59.0296, 0.4010, 0.4749)

Conversions

Conversions Part 1

Format	Color
Hex	D0D04B
RGB	208, 208, 75
RGB Percent	82%, 82%, 29%
CMY	0.1842, 0.1843, 0.7058
CMYK	0.00, 0.00, 0.64, 0.18
HSL	60°, 59%, 55%
HSV	60°, 64%, 82%
XYZ	49.8439, 59.0296, 15.4255
YIQ	192.8380, 42.6930, -41.3630

Conversions

Conversions Part 2

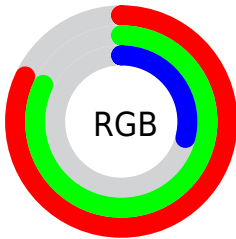
Format	Color
RYB	75, 208, 75
Decimal	13684811
CIELab	81.31, -16.22, 63.51
CIELCh	81, 65.550, 104.330
Yxy	59.0296, 0.4010, 0.4749
Android (android.graphics.Color)	4291874891 (0xFFD0D04B)
YUV	192.8380, -58.0941, 13.2971
Hunter-Lab	76.8307, -18.6520, 41.8777

Details

The Yxy color **59.0296, 0.4010, 0.4749** 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 **11.0898, 0.1892, 0.1248**, and the grayscale version is **53.5615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **29.6106, 0.4137, 0.5068** is the 20% darker color. If you saturate the color by 10%, you get **58.7904, 0.4093, 0.4887**, and if you desaturate by 10%, it is **59.3674, 0.3903, 0.4572**.

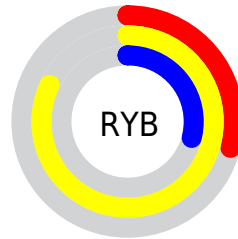
Distribution



Red (82%)

Green (82%)

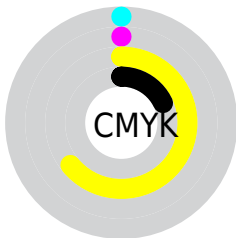
Blue (29%)



Red (29%)

Yellow (82%)

Blue (29%)

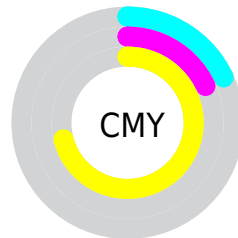


Cyan (0%)

Magenta (0%)

Yellow (64%)

Black (18%)



Cyan (18%)


Magenta (18%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0296, 0.4010, 0.4749 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 59.0296, 0.4010, 0.4749 by changing the saturation by 10% instead.

 59.0296, 0.4010,
0.4749


 59.0296, 0.4010,
0.4749


421.0116, 0.3637,
0.4067


 42.6369, 0.4076,
0.4894


 103.4207, 0.3894,
0.4518


 29.6004, 0.4144,
0.5065


 132.1879, 0.3845,
0.4426


 19.5355, 0.4208,
0.5261


 165.8488, 0.3800,
0.4346

 12.0578, 0.4260,
0.5495

 204.7877, 0.3760,
0.4276

 6.7831, 0.4257,
0.5743

 249.3890, 0.3725,
0.4214

 3.3268, 0.4086,
0.5914

300.0372, 0.3693,

 1.3046, 0.3783,

0.4160

0.6217

357.1166, 0.3664,
0.4111

■ 0.1448, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0296, 0.4010,
0.4749

■ 59.0296, 0.4010,
0.4749

■ 58.7904, 0.4093,
0.4887

■ 59.3674, 0.3903,
0.4572

■ 58.6321, 0.4151,
0.4982

■ 59.8037, 0.3776,
0.4362

■ 58.5459, 0.4183,
0.5034

■ 60.3487, 0.3635,
0.4129

■ 58.5166, 0.4194,
0.5052

■ 61.0088, 0.3486,
0.3883

61.7903, 0.3334,
0.3632

62.6988, 0.3185,
0.3385

63.7396, 0.3041,
0.3147

64.9177, 0.2905,
0.2922

65.7628, 0.2821,
0.2784

Harmonies

Analogous

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



59.0296, 0.4598, 0.4273



59.0296, 0.4010, 0.4749



59.0296, 0.3231, 0.4810

Triad

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



59.0296, 0.4010, 0.4749



59.0296, 0.1702, 0.2556



59.0296, 0.3694, 0.2552

Complementary

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



59.0296, 0.4010, 0.4749



11.0898, 0.1892, 0.1248

Split Complementary

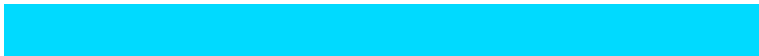
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0296, 0.2833, 0.2184



59.0296, 0.4010, 0.4749



59.0296, 0.1787, 0.2140

Square

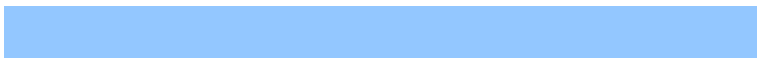
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.0296, 0.4010, 0.4749



59.0296, 0.1925, 0.3315



59.0296, 0.2166, 0.2034



59.0296, 0.4460, 0.3074

Rectangle

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



59.0296, 0.4010, 0.4749



59.0296, 0.2707, 0.4490



59.0296, 0.2166, 0.2034



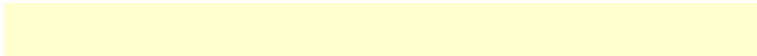
59.0296, 0.3399, 0.2409

Sweetspot

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



59.0323, 0.4010, 0.4749



97.2567, 0.3414, 0.3765



18.9869, 0.5150, 0.3272



20.7423, 0.3458, 0.3837



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.



59.0323, 0.4010, 0.4749



93.0665, 0.4119, 0.4930



51.5378, 0.3474, 0.5074



13.7972, 0.3266, 0.3520



36.4612, 0.4194, 0.5052



2.0388, 0.4193, 0.5052

Inverse Universe

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



11.0898, 0.1892, 0.1248



11.2353, 0.1667, 0.0876



15.1047, 0.2436, 0.1495



11.4181, 0.2982, 0.3050



2.8391, 0.1500, 0.0600



0.1589, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 59.0296, 0.4010, 0.4749 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 59.0296, 0.4010, 0.4749 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 59.0296, 0.4010, 0.4749

Background



This preview shows how black text looks on a background with the Yxy color 59.0296, 0.4010, 0.4749.



This preview shows how white text looks on a background with the Yxy color 59.0296, 0.4010, 0.4749.

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

59.0296, 0.4010, 0.4749

Protanopia

58.7297, 0.4205, 0.4627

Deuteranopia

58.7877, 0.4462, 0.4366



Tritanopia

59.0555, 0.3223, 0.3122

Trichromacy



Original Color

59.0296, 0.4010, 0.4749

Protanomaly

58.7402, 0.4135, 0.4667

Deuteranomaly

58.6004, 0.4294, 0.4507

Tritanomaly

58.4807, 0.3552, 0.3749

Monochromacy



Original Color

59.0296, 0.4010, 0.4749

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5959, 0.3489, 0.3889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0296, 0.4010, 0.4749 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(208, 208, 75)` looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 75)  
}
```

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(208, 208, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 75) }
```

Border

The CSS property to change the border of an element to Yxy 59.0296, 0.4010, 0.4749 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(208, 208, 75) }
```

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

```
.border{ border-color:rgb(208, 208, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 75);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0296, 0.4010, 0.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 75) }
```

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

```
.background{ background-color: rgb(208,  
208, 75) }
```

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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