

Converting Colors

Yxy(44.3456, 0.4350, 0.4626)

Have a look what the booklet for
Yxy(44.3456, 0.4350, 0.4626)
contains.

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Color

Yxy(44.5824, 0.4349, 0.4625)

Conversions

Conversions Part 1

Format	Color
Hex	CFB036
RGB	207, 176, 54
RGB Percent	81%, 69%, 21%
CMY	0.1883, 0.3098, 0.7881
CMYK	0.00, 0.15, 0.74, 0.19
HSL	48°, 61%, 51%
HSV	48°, 74%, 81%
XYZ	41.9219, 44.5824, 9.8901
YIQ	171.3610, 57.6380, -31.3700

Conversions

Conversions Part 2

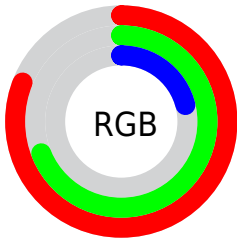
Format	Color
R_{YB}	93, 207, 54
Decimal	13611062
CIE _{Lab}	72.62, -1.36, 62.88
CIE _{LCh}	73, 62.898, 91.243
Yxy	44.5824, 0.4349, 0.4625
Android (android.graphics.Color)	4291801142 (0xFFCFB036)
YUV	171.3610, -57.8590, 31.2554
Hunter-Lab	66.7701, -4.7755, 37.9569

Details

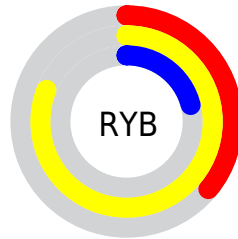
The Yxy color **44.5824, 0.4349, 0.4625** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **11.7900, 0.1816, 0.1336**, and the grayscale version is **41.1937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5160, 0.4075, 0.4465**, and **20.8049, 0.4518, 0.4795** is the 20% darker color. If you saturate the color by 10%, you get **42.8105, 0.4470, 0.4698**, and if you desaturate by 10%, it is **46.4921, 0.4203, 0.4508**.

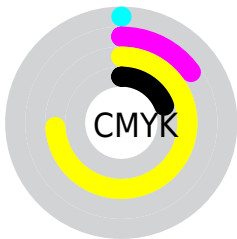
Distribution



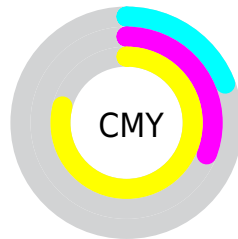
- Red (81%)
- Green (69%)
- Blue (21%)



- Red (36%)
- Yellow (81%)
- Blue (21%)



- Cyan (0%)
- Magenta (15%)
- Yellow (74%)
- Black (19%)




- Cyan (19%)
- Magenta (31%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5824, 0.4349, 0.4625 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 44.5824, 0.4349, 0.4625 by changing the saturation by 10% instead.


 44.5824, 0.4349,
0.4625

 44.5824, 0.4349,
0.4625


365.0796, 0.3791,
0.4009


 31.1286, 0.4457,
0.4747


 82.0934, 0.4167,
0.4422

 20.6968, 0.4574,
0.4880


 106.9194, 0.4091,
0.4339


 12.9026, 0.4693,
0.5019


 136.3050, 0.4025,
0.4266

 7.3615, 0.4824,
0.5176

 170.6345, 0.3967,
0.4202

 3.6892, 0.4811,
0.5189

 210.2923, 0.3915,
0.4146

 1.5013, 0.4790,
0.5210

 255.6628, 0.3869,

 0.2896, 0.4552,

0.4095

0.5448

307.1305, 0.3828,
0.4050

■ 0.0000, 0.0000,
0.0000

■ 44.5824, 0.4349,
0.4625

■ 44.5824, 0.4349,
0.4625

■ 42.8105, 0.4470,
0.4698

■ 46.4921, 0.4203,
0.4508

■ 41.1583, 0.4561,
0.4725

■ 48.5429, 0.4039,
0.4353

■ 40.1967, 0.4607,
0.4724

■ 50.7455, 0.3864,
0.4172

■ 53.1077, 0.3686,
0.3974

■ 55.6362, 0.3511,
0.3769

■ 58.3377, 0.3343,
0.3564

■ 61.2180, 0.3185,
0.3365

■ 64.2829, 0.3040,
0.3175

■ 67.5378, 0.2907,
0.2998

Harmonies

Analogous

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



44.5824, 0.4819, 0.4034



44.5824, 0.4349, 0.4625



44.5824, 0.3594, 0.4942

Triad

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



44.5824, 0.4349, 0.4625



44.5824, 0.1699, 0.2818



44.5824, 0.3315, 0.2327

Complementary

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



44.5824, 0.4349, 0.4625



11.7900, 0.1816, 0.1336

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.



44.5824, 0.2477, 0.2038



44.5824, 0.4349, 0.4625



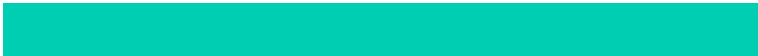
44.5824, 0.1654, 0.2229

Square

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



44.5824, 0.4349, 0.4625



44.5824, 0.2073, 0.3742



44.5824, 0.1913, 0.1991



44.5824, 0.4216, 0.2808

Rectangle

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



44.5824, 0.4349, 0.4625



44.5824, 0.3033, 0.4820



44.5824, 0.1913, 0.1991



44.5824, 0.3013, 0.2207

Sweetspot

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



44.5845, 0.4349, 0.4625



89.8617, 0.3483, 0.3736



16.5969, 0.5128, 0.2958



18.9876, 0.3530, 0.3792



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.



44.5845, 0.4349, 0.4625



66.9596, 0.4530, 0.4720



52.7430, 0.3724, 0.5140



13.3739, 0.3271, 0.3474



25.4660, 0.4600, 0.4730



1.5294, 0.4511, 0.4800

Inverse Universe

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



11.7900, 0.1816, 0.1336



12.3678, 0.1623, 0.0957



9.7085, 0.2012, 0.1113



11.8000, 0.2982, 0.3099



3.9876, 0.1559, 0.0810



0.3381, 0.1653, 0.1149

Previews

White Background



This preview shows how the Yxy color 44.5824, 0.4349, 0.4625 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 44.5824, 0.4349, 0.4625 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 44.5824, 0.4349, 0.4625

Background



This preview shows how black text looks on a background with the Yxy color 44.5824, 0.4349, 0.4625.



This preview shows how white text looks on a background with the Yxy color 44.5824, 0.4349, 0.4625.

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

44.5824, 0.4349, 0.4625

Protanopia

44.7954, 0.4252, 0.4688

Deuteranopia

44.3593, 0.4547, 0.4447



Tritanopia

44.3242, 0.3503, 0.3135

Trichromacy



Original Color

44.5824, 0.4349, 0.4625

Protanomaly

44.8131, 0.4289, 0.4661

Deuteranomaly

44.5423, 0.4469, 0.4516

Tritanomaly

43.8173, 0.3888, 0.3735

Monochromacy



Original Color

44.5824, 0.4349, 0.4625

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6360, 0.3619, 0.3903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5824, 0.4349, 0.4625 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(207, 176, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 54)  
}
```

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(207, 176, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 54) }
```

Border

The CSS property to change the border of an element to Yxy 44.5824, 0.4349, 0.4625 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(207, 176, 54) }
```

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

```
.border{ border-color:rgb(207, 176, 54) }
```

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

Here you see how a box with a 4 pixel rgb(207, 176, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5824, 0.4349, 0.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 54) }
```

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

```
.background{ background-color: rgb(207,  
176, 54) }
```

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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