

Converting Colors

$Y_{xy}(11.0552, 0.4297, 0.4673)$

Have a look what the booklet for
Yxy(11.0552, 0.4297, 0.4673)
contains.

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Color

Yxy(11.0204, 0.4294, 0.4666)

Conversions

Conversions Part 1

Format	Color
Hex	6B5D18
RGB	107, 93, 24
RGB Percent	42%, 36%, 9%
CMY	0.5804, 0.6353, 0.9059
CMYK	0.00, 0.13, 0.78, 0.58
HSL	50°, 63%, 26%
HSV	50°, 78%, 42%
XYZ	10.1418, 11.0204, 2.4563
YIQ	89.3200, 30.4930, -18.4910

Conversions

Conversions Part 2

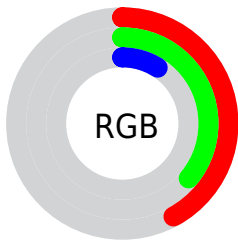
Format	Color
RYB	41, 107, 24
Decimal	7036184
CIELab	39.61, -2.57, 39.38
CIELCh	40, 39.459, 93.728
Yxy	11.0204, 0.4294, 0.4666
Android (android.graphics.Color)	4285226264 (0xFF6B5D18)
YUV	89.3200, -32.2028, 15.5054
Hunter-Lab	33.1970, -3.5624, 18.8509

Details

The Yxy color **11.0204, 0.4294, 0.4666** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.6404, 0.1808, 0.1283**, and the grayscale version is **10.1325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7030, 0.4037, 0.4348**, and **2.9029, 0.4488, 0.4818** is the 20% darker color. If you saturate the color by 10%, you get **10.6720, 0.4399, 0.4744**, and if you desaturate by 10%, it is **11.3948, 0.4167, 0.4549**.

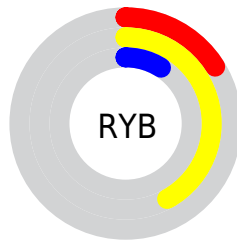
Distribution



Red (42%)

Green (36%)

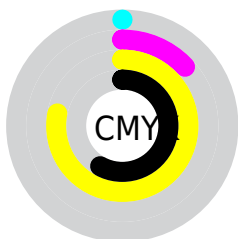
Blue (9%)



Red (16%)

Yellow (42%)

Blue (9%)

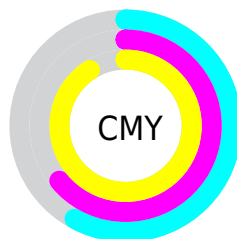


Cyan (0%)

Magenta (13%)

Yellow (78%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0204, 0.4294, 0.4666 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 11.0204, 0.4294, 0.4666 by changing the saturation by 10% instead.

■ 11.0204, 0.4294,
0.4666

■ 11.0204, 0.4294,
0.4666

■ 197.8075, 0.3623,
0.3859

■ 6.0806, 0.4461,
0.4883

■ 27.6979, 0.4038,
0.4351

■ 2.8941, 0.4747,
0.5253

■ 40.2043, 0.3944,
0.4237

■ 1.0767, 0.4697,
0.5303

■ 56.0017, 0.3866,
0.4144


■ 0.0000, 0.0000,
0.0000


■ 75.4745, 0.3801,
0.4067

■ 99.0071, 0.3746,
0.4002


■ 126.9839, 0.3699,


0.3947

 159.7892, 0.3658,
0.3900

 11.0204, 0.4294,
0.4666


 11.0204, 0.4294,
0.4666


 10.6720, 0.4399,
0.4744


 11.3948, 0.4167,
0.4549


 10.3425, 0.4486,
0.4791

 11.7956, 0.4022,
0.4400

 10.2638, 0.4507,
0.4803

 12.2248, 0.3866,
0.4225

 12.6841, 0.3704,
0.4034

 13.1747, 0.3543,
0.3834

■ 13.6980, 0.3385,
0.3633

■ 14.2551, 0.3235,
0.3435

■ 14.8471, 0.3094,
0.3245

■ 15.4751, 0.2963,
0.3065

Harmonies

Analogous

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



11.0204, 0.4796, 0.4086



11.0204, 0.4294, 0.4666



11.0204, 0.3525, 0.4944

Triad

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



11.0204, 0.4294, 0.4666



11.0204, 0.1684, 0.2755



11.0204, 0.3392, 0.2361

Complementary

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



11.0204, 0.4294, 0.4666



2.6404, 0.1808, 0.1283

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.



11.0204, 0.2538, 0.2054



11.0204, 0.4294, 0.4666



11.0204, 0.1664, 0.2197

Square

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



11.0204, 0.4294, 0.4666



11.0204, 0.2030, 0.3658



11.0204, 0.1948, 0.1985



11.0204, 0.4281, 0.2854

Rectangle

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



11.0204, 0.4294, 0.4666



11.0204, 0.2965, 0.4781



11.0204, 0.1948, 0.1985



11.0204, 0.3087, 0.2235

Sweetspot

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



11.0209, 0.4294, 0.4666



23.9560, 0.3480, 0.3755



3.9262, 0.5189, 0.3015



5.7354, 0.3525, 0.3812



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.0209, 0.4294, 0.4666



18.6396, 0.4464, 0.4777



12.3160, 0.3680, 0.5157



3.5011, 0.3255, 0.3462



12.4512, 0.4511, 0.4800



62.3486, 0.4532, 0.4783

Inverse Universe

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



2.6404, 0.1808, 0.1283



2.9863, 0.1604, 0.0889



2.3995, 0.2066, 0.1151



3.1000, 0.2997, 0.3112



1.7835, 0.1555, 0.0798



8.1836, 0.1536, 0.0729

Previews

White Background



This preview shows how the Yxy color 11.0204, 0.4294, 0.4666 looks on a white background.

Color Contrast Check

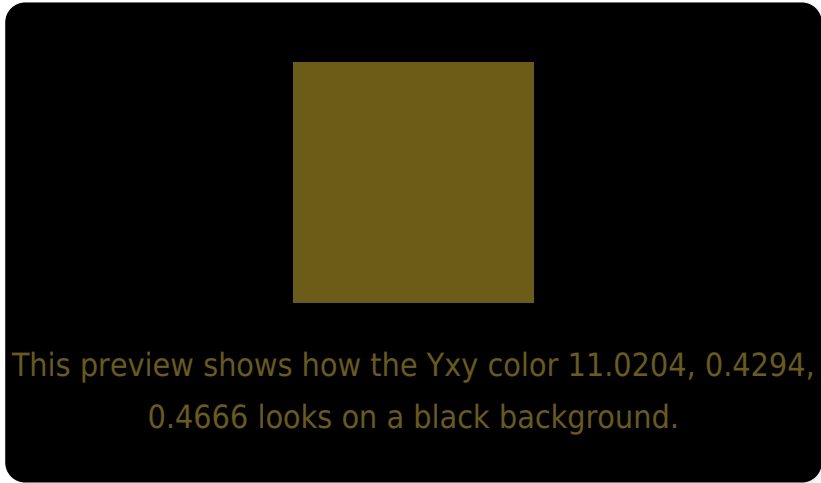
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0204, 0.4294, 0.4666

Background



This preview shows how black text looks on a background with the Yxy color 11.0204, 0.4294, 0.4666.



This preview shows how white text looks on a background with the Yxy color 11.0204, 0.4294, 0.4666.

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

11.0204, 0.4294, 0.4666

Protanopia

11.0746, 0.4245, 0.4704

Deuteranopia

11.0012, 0.4508, 0.4470



Tritanopia

11.0514, 0.3450, 0.3160

Trichromacy



Original Color

11.0204, 0.4294, 0.4666

Protanomaly

11.1355, 0.4261, 0.4693

Deuteranomaly

10.8932, 0.4435, 0.4540

Tritanomaly

10.8771, 0.3821, 0.3762

Monochromacy



Original Color

11.0204, 0.4294, 0.4666

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.1808, 0.3617, 0.3903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0204, 0.4294, 0.4666 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(107, 93, 24)` looks like.

```
.text, #text, p{  
    color:rgb(107, 93, 24)  
}
```

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(107, 93, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 93, 24) }
```

Border

The CSS property to change the border of an element to Yxy 11.0204, 0.4294, 0.4666 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(107, 93, 24) }
```

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

```
.border{ border-color:rgb(107, 93, 24) }
```

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

Here you see how a box with a 4 pixel rgb(107, 93, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 93, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 93, 24);  
box-shadow:4px 4px 4px 4px rgb(107, 93,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0204, 0.4294, 0.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 93, 24) }
```

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

```
.background{ background-color: rgb(107, 93,  
24) }
```

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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