

Converting Colors

Yxy(52.3539, 0.4623, 0.4524)

Have a look what the booklet for
Yxy(52.3539, 0.4623, 0.4524)
contains.

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Color

Yxy(52.3539, 0.4623, 0.4524)

Conversions

Conversions Part 1

Format	Color
Hex	F1B62E
RGB	241, 182, 46
RGB Percent	95%, 71%, 18%
CMY	0.0549, 0.2863, 0.8195
CMYK	0.00, 0.24, 0.81, 0.05
HSL	42°, 87%, 56%
HSV	42°, 81%, 95%
XYZ	53.4996, 52.3539, 9.8713
YIQ	184.1370, 78.8200, -29.7880

Conversions

Conversions Part 2

Format	Color
R _Y B	131, 241, 46
Decimal	15840814
CIE Lab	77.49, 9.85, 71.35
CIE LCh	77, 72.023, 82.140
Yxy	52.3539, 0.4623, 0.4524
Android (android.graphics.Color)	4294030894 (0xFFFF1B62E)
YUV	184.1370, -68.1015, 49.8689
Hunter-Lab	72.3560, 5.3588, 42.5604

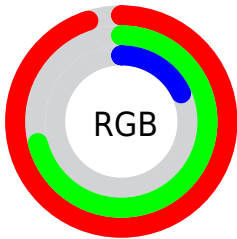
Details

The Yxy color **52.3539, 0.4623, 0.4524** is a light color, and the websafe version is hex **FFCC33**.

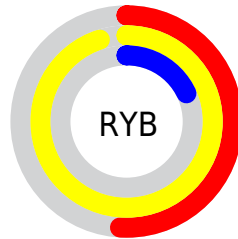
The color can be described as light washed orange. A complement of this color would be **17.0405, 0.1773, 0.1369**, and the grayscale version is **48.3663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4085, 0.4061, 0.4558**, and **25.4038, 0.4799, 0.4571** is the 20% darker color. If you saturate the color by 10%, you get **49.3067, 0.4762, 0.4542**, and if you desaturate by 10%, it is **55.6684, 0.4454, 0.4455**.

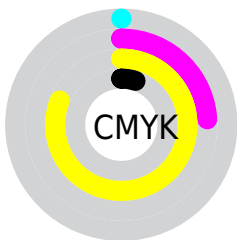
Distribution



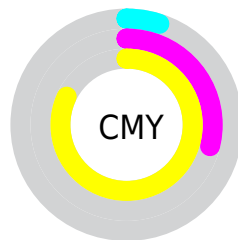
- Red (95%)
- Green (71%)
- Blue (18%)



- Red (51%)
- Yellow (95%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (81%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3539, 0.4623, 0.4524 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 52.3539, 0.4623, 0.4524 by changing the saturation by 10% instead.

 52.3539, 0.4623,
0.4524

 52.3539, 0.4623,
0.4524

395.8013, 0.3958,
0.4012

 37.2872, 0.4749,
0.4607


 93.6530, 0.4410,
0.4370


 25.4300, 0.4885,
0.4689


 120.6541, 0.4321,
0.4302

 16.3977, 0.5028,
0.4758


 152.4023, 0.4242,
0.4241

 9.8060, 0.5187,
0.4813

 189.2818, 0.4172,
0.4186

 5.2705, 0.5257,
0.4743

 231.6771, 0.4109,
0.4136

 2.4068, 0.5367,
0.4633

 279.9725, 0.4053,

 0.8294, 0.5570,

0.4091

0.4430

334.5524, 0.4003,
0.4050

■ 0.0000, 0.0000,
0.0000

■ 52.3539, 0.4623,
0.4524

■ 52.3539, 0.4623,
0.4524

■ 49.3067, 0.4762,
0.4542

■ 55.6684, 0.4454,
0.4455


■ 46.7362, 0.4864,
0.4520

■ 59.2604, 0.4264,
0.4343


■ 63.1476, 0.4062,
0.4196

■ 67.3436, 0.3859,
0.4027

■ 71.8608, 0.3661,
0.3846

 76.7105, 0.3473,
0.3661

 81.9034, 0.3299,
0.3480

 87.4494, 0.3141,
0.3305

 92.8370, 0.3043,
0.3218

Harmonies

Analogous

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



52.3539, 0.5007, 0.3855



52.3539, 0.4623, 0.4524



52.3539, 0.3874, 0.5024

Triad

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



52.3539, 0.4623, 0.4524



52.3539, 0.1679, 0.3040



52.3539, 0.3027, 0.2144

Complementary

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



52.3539, 0.4623, 0.4524



17.0405, 0.1773, 0.1369

Split Complementary

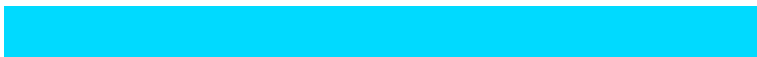
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.3539, 0.2209, 0.1911



52.3539, 0.4623, 0.4524



52.3539, 0.1536, 0.2290

Square

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



52.3539, 0.4623, 0.4524



52.3539, 0.2179, 0.4114



52.3539, 0.1713, 0.1941



52.3539, 0.4025, 0.2597

Rectangle

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



52.3539, 0.4623, 0.4524



52.3539, 0.3283, 0.5067



52.3539, 0.1713, 0.1941



52.3539, 0.2722, 0.2039

Sweetspot

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



52.3565, 0.4623, 0.4524



85.4138, 0.3531, 0.3720



21.7354, 0.5129, 0.2790



17.8602, 0.3598, 0.3786



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.



52.3565, 0.4623, 0.4524



53.9792, 0.4834, 0.4528



76.1301, 0.3875, 0.5158



17.6045, 0.3276, 0.3454



25.5898, 0.4850, 0.4531



2.3028, 0.4743, 0.4616

Inverse Universe

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



17.0405, 0.1773, 0.1369



13.3799, 0.1623, 0.1024



10.0899, 0.1774, 0.0881



16.0086, 0.2980, 0.3120



6.2298, 0.1612, 0.1004



0.6867, 0.1684, 0.1262

Previews

White Background



This preview shows how the Yxy color 52.3539, 0.4623, 0.4524 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 52.3539, 0.4623, 0.4524 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 52.3539, 0.4623, 0.4524

Background



This preview shows how black text looks on a background with the Yxy color 52.3539, 0.4623, 0.4524.



This preview shows how white text looks on a background with the Yxy color 52.3539, 0.4623, 0.4524.

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

52.3539, 0.4623, 0.4524

Protanopia

52.3681, 0.4300, 0.4747

Deuteranopia

52.3539, 0.4623, 0.4524



Tritanopia

52.3081, 0.3736, 0.3152

Trichromacy



Original Color

52.3539, 0.4623, 0.4524

Protanomaly

52.0271, 0.4417, 0.4665

Deuteranomaly

52.3539, 0.4623, 0.4524

Tritanomaly

51.5584, 0.4156, 0.3735

Monochromacy



Original Color

52.3539, 0.4623, 0.4524

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5673, 0.3729, 0.3902

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3539, 0.4623, 0.4524 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(241, 182, 46)` looks like.

```
.text, #text, p{  
    color:rgb(241, 182, 46)  
}
```

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(241, 182, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 182, 46) }
```

Border

The CSS property to change the border of an element to Yxy 52.3539, 0.4623, 0.4524 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(241, 182, 46) }
```

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

```
.border{ border-color:rgb(241, 182, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 182, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 182, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 182, 46);  
box-shadow:4px 4px 4px 4px rgb(241, 182,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3539, 0.4623, 0.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 182, 46) }
```

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

```
.background{ background-color: rgb(241,  
182, 46) }
```

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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