

Converting Colors

$Y_{xy}(11.3481, 0.4359, 0.4530)$

Have a look what the booklet for
Yxy(11.3481, 0.4359, 0.4530)
contains.

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Color

Yxy(11.2537, 0.4365, 0.4524)

Conversions

Conversions Part 1

Format	Color
Hex	715C1D
RGB	113, 92, 29
RGB Percent	44%, 36%, 11%
CMY	0.5569, 0.6392, 0.8862
CMYK	0.00, 0.19, 0.74, 0.56
HSL	45°, 59%, 28%
HSV	45°, 74%, 44%
XYZ	10.8582, 11.2537, 2.7637
YIQ	91.0970, 32.7390, -15.1410

Conversions

Conversions Part 2

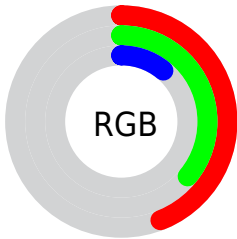
Format	Color
RYB	57, 113, 29
Decimal	7429149
CIELab	40.00, 1.21, 37.78
CIElCh	40, 37.802, 88.163
Yxy	11.2537, 0.4365, 0.4524
Android (android.graphics.Color)	4285619229 (0xFF715C1D)
YUV	91.0970, -30.6138, 19.2089
Hunter-Lab	33.5465, -0.9304, 18.5981

Details

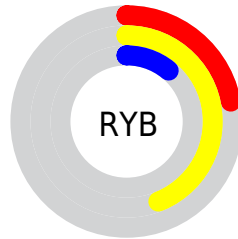
The Yxy color **11.2537, 0.4365, 0.4524** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.7353, 0.1892, 0.1527**, and the grayscale version is **10.5511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0973, 0.4079, 0.4253**, and **3.0572, 0.4626, 0.4709** is the 20% darker color. If you saturate the color by 10%, you get **10.7280, 0.4506, 0.4603**, and if you desaturate by 10%, it is **11.8192, 0.4204, 0.4407**.

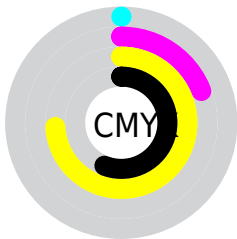
Distribution



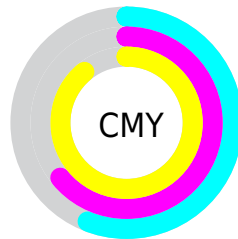
- Red (44%)
- Green (36%)
- Blue (11%)



- Red (22%)
- Yellow (44%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (74%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2537, 0.4365, 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 11.2537, 0.4365, 0.4524 by changing the saturation by 10% instead.

11.2537, 0.4365,
0.4524

11.2537, 0.4365,
0.4524

199.3999, 0.3643,
0.3810

6.2377, 0.4557,
0.4707

28.1284, 0.4083,
0.4249

2.9902, 0.4931,
0.5069

40.7558, 0.3982,
0.4149

1.1266, 0.4954,
0.5046

56.6893, 0.3899,
0.4066

0.0005, 0.9836,
0.0164


76.3131, 0.3830,
0.3997


0.0000, 0.0000,
0.0000


100.0117, 0.3772,
0.3940

128.1694, 0.3722,

0.3890

 161.1707, 0.3680,
0.3847


 11.2537, 0.4365,
0.4524


 11.2537, 0.4365,
0.4524


 10.7280, 0.4506,
0.4603


 11.8192, 0.4204,
0.4407


 10.2372, 0.4624,
0.4641

 12.4252, 0.4031,
0.4261

 9.9683, 0.4690,
0.4658

 13.0741, 0.3852,
0.4092

 13.7678, 0.3675,
0.3912

 14.5078, 0.3503,
0.3727

■ 15.2958, 0.3340,
0.3543

■ 16.1331, 0.3189,
0.3364

■ 17.0212, 0.3049,
0.3195

■ 17.9613, 0.2922,
0.3035

Harmonies

Analogous

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



11.2537, 0.4767, 0.3953



11.2537, 0.4365, 0.4524



11.2537, 0.3663, 0.4853

Triad

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



11.2537, 0.4365, 0.4524



11.2537, 0.1780, 0.2924



11.2537, 0.3219, 0.2328

Complementary

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



11.2537, 0.4365, 0.4524



3.7353, 0.1892, 0.1527

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.



11.2537, 0.2439, 0.2072



11.2537, 0.4365, 0.4524



11.2537, 0.1702, 0.2320

Square

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



11.2537, 0.4365, 0.4524



11.2537, 0.2178, 0.3819



11.2537, 0.1923, 0.2054



11.2537, 0.4083, 0.2777

Rectangle

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



11.2537, 0.4365, 0.4524



11.2537, 0.3128, 0.4775



11.2537, 0.1923, 0.2054



11.2537, 0.2936, 0.2219

Sweetspot

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



11.2542, 0.4365, 0.4524



26.2214, 0.3474, 0.3695



4.6203, 0.4908, 0.2898



6.0012, 0.3507, 0.3732



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.2542, 0.4365, 0.4524



18.5876, 0.4591, 0.4632



14.1719, 0.3757, 0.5051



3.7820, 0.3258, 0.3447



11.2778, 0.4694, 0.4655



54.7615, 0.4728, 0.4628

Inverse Universe

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



3.7353, 0.1892, 0.1527



4.4578, 0.1682, 0.1126



2.7504, 0.2025, 0.1176



3.4235, 0.2996, 0.3128



2.2784, 0.1596, 0.0946



10.1618, 0.1573, 0.0861

Previews

White Background



This preview shows how the Yxy color 11.2537, 0.4365, 0.4524 looks on a white background.

Color Contrast Check

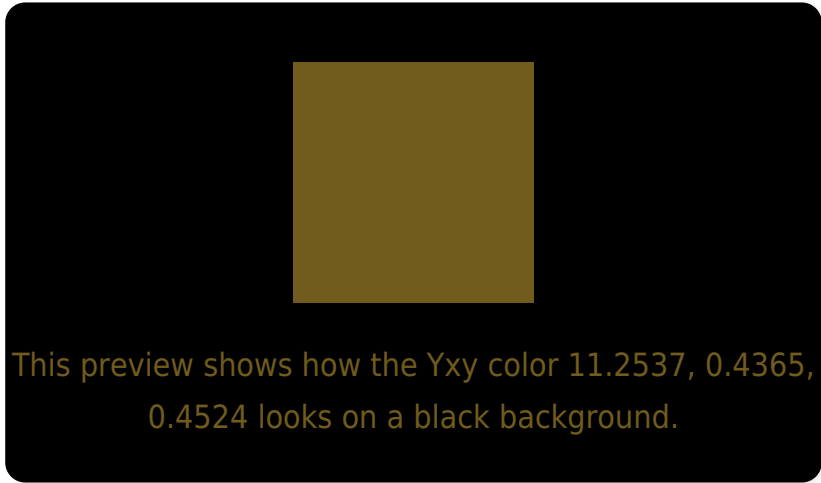
Large Text (above 18pt) WCAG AA ✓ Pass

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

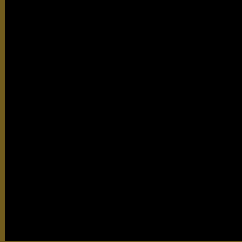
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2537, 0.4365, 0.4524

Background



This preview shows how black text looks on a background with the Yxy color 11.2537, 0.4365, 0.4524.



This preview shows how white text looks on a background with the Yxy color 11.2537, 0.4365, 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

11.2537, 0.4365, 0.4524

Protanopia

11.3423, 0.4194, 0.4632

Deuteranopia

11.2576, 0.4469, 0.4428



Tritanopia

11.2974, 0.3555, 0.3144

Trichromacy



Original Color

11.2537, 0.4365, 0.4524

Protanomaly

11.3504, 0.4259, 0.4585

Deuteranomaly

11.2889, 0.4421, 0.4465

Tritanomaly

11.1346, 0.3900, 0.3680

Monochromacy



Original Color

11.2537, 0.4365, 0.4524

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.5522, 0.3616, 0.3842

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2537, 0.4365, 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(113, 92, 29)` looks like.

```
.text, #text, p{  
    color:rgb(113, 92, 29)  
}
```

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(113, 92, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 92, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.2537, 0.4365, 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(113, 92, 29) }
```

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

```
.border{ border-color:rgb(113, 92, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 92, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 92, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 92, 29);  
box-shadow:4px 4px 4px 4px rgb(113, 92,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2537, 0.4365, 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(113, 92, 29) }
```

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

```
.background{ background-color: rgb(113, 92,  
29) }
```

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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