

Converting Colors

$Y_{xy}(11.6346, 0.4251, 0.4396)$

Have a look what the booklet for
Yxy(11.6346, 0.4251, 0.4396)
contains.

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Color

Yxy(11.7293, 0.4247, 0.4405)

Conversions

Conversions Part 1

Format	Color
Hex	725E27
RGB	114, 94, 39
RGB Percent	45%, 37%, 15%
CMY	0.5529, 0.6314, 0.8470
CMYK	0.00, 0.18, 0.66, 0.55
HSL	44°, 49%, 30%
HSV	44°, 66%, 45%
XYZ	11.3086, 11.7293, 3.5894
YIQ	93.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

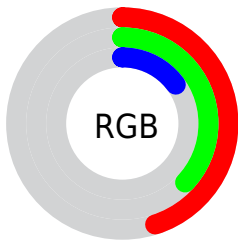
Format	Color
R_{YB}	66, 114, 39
Decimal	7495207
CIE _{Lab}	40.78, 1.17, 33.77
CIE _{LCh}	41, 33.793, 88.021
Yxy	11.7293, 0.4247, 0.4405
Android (android.graphics.Color)	4285685287 (0xFF725E27)
YUV	93.7100, -26.9720, 17.7943
Hunter-Lab	34.2481, -0.9940, 17.7598

Details

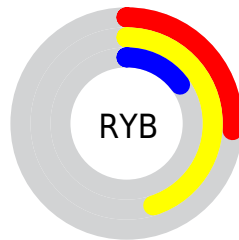
The Yxy color **11.7293, 0.4247, 0.4405** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.7767, 0.2032, 0.1784**, and the grayscale version is **11.1818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9595, 0.3981, 0.4141**, and **3.2039, 0.4646, 0.4693** is the 20% darker color. If you saturate the color by 10%, you get **11.1351, 0.4411, 0.4514**, and if you desaturate by 10%, it is **12.3687, 0.4070, 0.4265**.

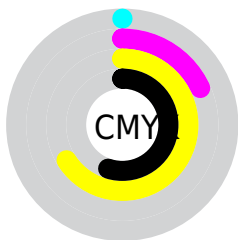
Distribution



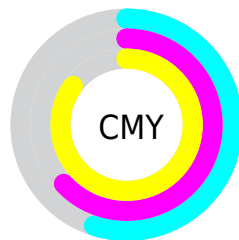
- Red (45%)
- Green (37%)
- Blue (15%)



- Red (26%)
- Yellow (45%)
- Blue (15%)



- Cyan (0%)
- Magenta (18%)
- Yellow (66%)
- Black (55%)




- Cyan (55%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7293, 0.4247, 0.4405 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 11.7293, 0.4247, 0.4405 by changing the saturation by 10% instead.


 11.7293, 0.4247,
0.4405


 11.7293, 0.4247,
0.4405


 202.6049, 0.3587,
0.3753


 6.5596, 0.4434,
0.4585


 29.0011, 0.3985,
0.4148


 3.1883, 0.4818,
0.4958

 41.8720, 0.3892,
0.4057

 1.2308, 0.4948,
0.5052

 58.0789, 0.3817,
0.3983

 0.0866, 0.5613,
0.4387

 78.0059, 0.3755,
0.3921

 0.0000, 0.0000,
0.0000

 102.0377, 0.3703,
0.3869

 130.5585, 0.3658,

0.3825

163.9527, 0.3620,
0.3786

11.7293, 0.4247,
0.4405

11.7293, 0.4247,
0.4405

11.1351, 0.4411,
0.4514

12.3687, 0.4070,
0.4265

10.5820, 0.4556,
0.4584

13.0536, 0.3887,
0.4102

10.0662, 0.4678,
0.4614

13.7865, 0.3705,
0.3926

9.8552, 0.4731,
0.4626

14.5693, 0.3530,
0.3744

15.4034, 0.3364,
0.3564

■ 16.2904, 0.3210,
0.3388

■ 17.2318, 0.3069,
0.3220

■ 18.2289, 0.2940,
0.3062

■ 19.2831, 0.2824,
0.2916

Harmonies

Analogous

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



11.7293, 0.4589, 0.3907



11.7293, 0.4247, 0.4405



11.7293, 0.3627, 0.4666

Triad

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



11.7293, 0.4247, 0.4405



11.7293, 0.1920, 0.2983



11.7293, 0.3211, 0.2423

Complementary

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



11.7293, 0.4247, 0.4405



4.7767, 0.2032, 0.1784

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.



11.7293, 0.2514, 0.2190



11.7293, 0.4247, 0.4405



11.7293, 0.1842, 0.2433

Square

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



11.7293, 0.4247, 0.4405



11.7293, 0.2289, 0.3761



11.7293, 0.2043, 0.2181



11.7293, 0.3969, 0.2834

Rectangle

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



11.7293, 0.4247, 0.4405



11.7293, 0.3147, 0.4583



11.7293, 0.2043, 0.2181



11.7293, 0.2960, 0.2323

Sweetspot

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



11.7299, 0.4247, 0.4405



26.3615, 0.3442, 0.3649



5.3590, 0.4528, 0.2859



6.0243, 0.3477, 0.3688



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.



11.7299, 0.4247, 0.4405



19.0473, 0.4490, 0.4556



14.7641, 0.3757, 0.4868



3.7731, 0.3259, 0.3444



10.9429, 0.4734, 0.4623



53.0401, 0.4771, 0.4594

Inverse Universe

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



4.7767, 0.2032, 0.1784



5.8966, 0.1808, 0.1396



3.4873, 0.2129, 0.1387



3.4319, 0.2996, 0.3132



2.3836, 0.1606, 0.0983



10.6300, 0.1582, 0.0895

Previews

White Background



This preview shows how the Yxy color 11.7293, 0.4247, 0.4405 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



This preview shows how the Yxy color 11.7293, 0.4247, 0.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

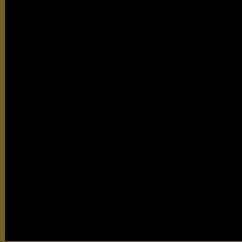
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7293, 0.4247, 0.4405

Background



This preview shows how black text looks on a background with the Yxy color 11.7293, 0.4247, 0.4405.



This preview shows how white text looks on a background with the Yxy color 11.7293, 0.4247, 0.4405.

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

11.7293, 0.4247, 0.4405

Protanopia

11.8284, 0.4080, 0.4502

Deuteranopia

11.8006, 0.4362, 0.4305



Tritanopia

11.6572, 0.3514, 0.3144

Trichromacy



Original Color

11.7293, 0.4247, 0.4405

Protanomaly

11.8339, 0.4143, 0.4459

Deuteranomaly

11.8335, 0.4315, 0.4339

Tritanomaly

11.6022, 0.3818, 0.3613

Monochromacy



Original Color

11.7293, 0.4247, 0.4405

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.2665, 0.3539, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7293, 0.4247, 0.4405 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(114, 94, 39)` looks like.

```
.text, #text, p{  
    color:rgb(114, 94, 39)  
}
```

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(114, 94, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 94, 39) }
```

Border

The CSS property to change the border of an element to Yxy 11.7293, 0.4247, 0.4405 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(114, 94, 39) }
```

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

```
.border{ border-color:rgb(114, 94, 39) }
```

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

Here you see how a box with a 4 pixel rgb(114, 94, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 94, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 94, 39);  
box-shadow:4px 4px 4px 4px rgb(114, 94,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7293, 0.4247, 0.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 94, 39) }
```

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

```
.background{ background-color: rgb(114, 94,  
39) }
```

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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