

Converting Colors

$Y_{xy}(11.7496, 0.4588, 0.3019)$

Have a look what the booklet for
Yxy(11.7496, 0.4588, 0.3019)
contains.

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Color

Yxy(11.7496, 0.4588, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	A04052
RGB	160, 64, 82
RGB Percent	63%, 25%, 32%
CMY	0.3725, 0.7490, 0.6784
CMYK	0.00, 0.60, 0.49, 0.37
HSL	349°, 43%, 44%
HSV	349°, 60%, 63%
XYZ	17.8560, 11.7496, 9.3133
YIQ	94.7560, 51.4380, 25.9500

Conversions

Conversions Part 2

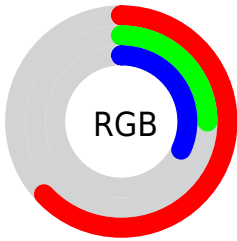
Format	Color
R_{YB}	160, 64, 82
Decimal	10502226
CIE _{Lab}	40.82, 41.47, 9.84
CIE _{LCh}	41, 42.621, 13.344
Yxy	11.7496, 0.4588, 0.3019
Android (android.graphics.Color)	4288692306 (0xFFA04052)
YUV	94.7560, -6.2887, 57.2190
Hunter-Lab	34.2777, 32.9984, 7.8852




Details

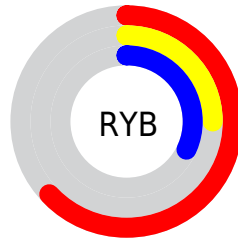
The Yxy color **11.7496, 0.4588, 0.3019** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28.1879, 0.2517, 0.3625**, and the grayscale version is **11.3885, 0.3127, 0.3290**.




A 20% lighter version of the original color is **29.0349, 0.4208, 0.3112**, and **3.2132, 0.5340, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **10.0179, 0.4988, 0.3005**, and if you desaturate by 10%, it is **14.0377, 0.4226, 0.3053**.

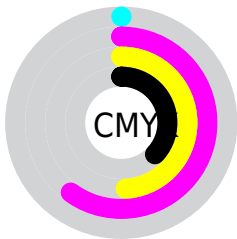
Distribution







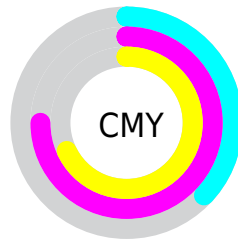
-  Red (63%)
-  Green (25%)
-  Blue (32%)






-  Red (63%)
-  Yellow (25%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (60%)
-  Yellow (49%)
-  Black (37%)



-  Cyan (37%)
-  Magenta (75%)
-  Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7496, 0.4588, 0.3019 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 11.7496, 0.4588, 0.3019 by changing the saturation by 10% instead.


 11.7496, 0.4588,
0.3019


 11.7496, 0.4588,
0.3019


202.7405, 0.3689,
0.3209


 6.5734, 0.4894,
0.2939


 29.0382, 0.4208,
0.3108

 3.1968, 0.5351,
0.2806

 41.9195, 0.4083,
0.3134


 1.2353, 0.6141,
0.2575

 58.1378, 0.3984,
0.3154

 0.0903, 0.9257,
0.0743

 78.0777, 0.3903,
0.3170

 0.0000, 1.0000,
0.0000

 102.1235, 0.3836,
0.3183

 0.0000, 0.0000,
0.0000

130.6597, 0.3779,

0.3193

164.0705, 0.3731,
0.3201

■ 11.7496, 0.4588,
0.3019

■ 11.7496, 0.4588,
0.3019

■ 10.0179, 0.4988,
0.3005

■ 14.0377, 0.4226,
0.3053

■ 8.7931, 0.5399,
0.3018

■ 16.9226, 0.3914,
0.3097

■ 8.0197, 0.5776,
0.3063

■ 20.4430, 0.3654,
0.3146

■ 7.5687, 0.6084,
0.3125

■ 24.6338, 0.3441,
0.3196

■ 29.5275, 0.3268,
0.3245

■ 35.1544, 0.3127,
0.3290

■ 41.5428, 0.3013,
0.3332

■ 48.7199, 0.2920,
0.3370

■ 56.7112, 0.2844,
0.3405

Harmonies

Analogous

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



11.7496, 0.3719, 0.2464



11.7496, 0.4588, 0.3019



11.7496, 0.4970, 0.3657

Triad

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



11.7496, 0.4588, 0.3019



11.7496, 0.3250, 0.5008



11.7496, 0.1660, 0.2036

Complementary

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



11.7496, 0.4588, 0.3019



28.1879, 0.2517, 0.3625

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.



11.7496, 0.1576, 0.2489



11.7496, 0.4588, 0.3019



11.7496, 0.2412, 0.4386

Square

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



11.7496, 0.4588, 0.3019



11.7496, 0.4101, 0.4880



11.7496, 0.1819, 0.3338



11.7496, 0.2053, 0.1920

Rectangle

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



11.7496, 0.4588, 0.3019



11.7496, 0.4882, 0.4099



11.7496, 0.1819, 0.3338



11.7496, 0.1598, 0.2145

Sweetspot

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



11.7502, 0.4588, 0.3019



46.1062, 0.3410, 0.3204



11.8503, 0.2920, 0.1809



9.6126, 0.3462, 0.3191



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.7502, 0.4588, 0.3019



17.3366, 0.5128, 0.3006



15.6382, 0.4621, 0.3740



6.6655, 0.3256, 0.3248



5.9001, 0.6063, 0.3114



0.1104, 0.5178, 0.2626

Inverse Universe

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



11.7502, 0.4588, 0.3019



17.3366, 0.5128, 0.3006



19.9162, 0.2282, 0.2738



6.6655, 0.3256, 0.3248



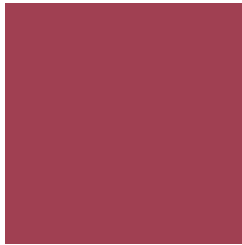
5.9001, 0.6063, 0.3114



0.1104, 0.5178, 0.2626

Previews

White Background



This preview shows how the Yxy color 11.7496, 0.4588, 0.3019 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 11.7496, 0.4588, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

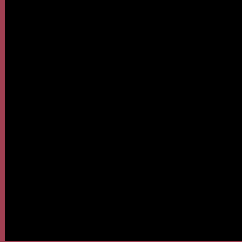
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7496, 0.4588, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 11.7496, 0.4588, 0.3019.



This preview shows how white text looks on a background with the Yxy color 11.7496, 0.4588, 0.3019.

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

11.7496, 0.4588, 0.3019

Protanopia

11.8633, 0.3115, 0.3222

Deuteranopia

11.8895, 0.3683, 0.3619



Tritanopia

11.7096, 0.4793, 0.3235

Trichromacy



Original Color

11.7496, 0.4588, 0.3019

Protanomaly

11.1959, 0.3614, 0.3105

Deuteranomaly

11.3449, 0.4028, 0.3352

Tritanomaly

11.6459, 0.4725, 0.3158

Monochromacy



Original Color

11.7496, 0.4588, 0.3019

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0008, 0.3632, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7496, 0.4588, 0.3019 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(160, 64, 82)` looks like.

```
.text, #text, p{  
  color:rgb(160, 64, 82)  
}
```

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(160, 64, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 64, 82) }
```

Border

The CSS property to change the border of an element to Yxy 11.7496, 0.4588, 0.3019 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(160, 64, 82) }
```

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

```
.border{ border-color:rgb(160, 64, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 64, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 64, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 64, 82);  
box-shadow:4px 4px 4px 4px rgb(160, 64,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7496, 0.4588, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 64, 82) }
```

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

```
.background{ background-color: rgb(160, 64,  
82) }
```

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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