

Converting Colors

$Y_{xy}(11.0604, 0.5692, 0.3863)$

Have a look what the booklet for
Yxy(11.0604, 0.5692, 0.3863)
contains.

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Color

Yxy(11.0286, 0.5696, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	A03F00
RGB	160, 63, 0
RGB Percent	63%, 25%, 0%
CMY	0.3726, 0.7529, 1.0000
CMYK	0.00, 0.61, 1.00, 0.37
HSL	24°, 100%, 31%
HSV	24°, 100%, 63%
XYZ	16.2743, 11.0286, 1.2686
YIQ	84.8210, 78.0350, 0.9710

Conversions

Conversions Part 2

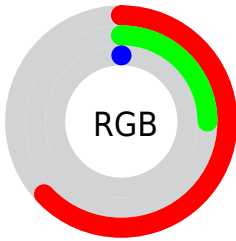
Format	Color
R_{YB}	160, 104, 0
Decimal	10501888
CIE _{Lab}	39.63, 37.87, 50.57
CIE _{LCh}	40, 63.178, 53.174
Yxy	11.0286, 0.5696, 0.3860
Android (android.graphics.Color)	4288691968 (0xFFA03F00)
YUV	84.8210, -41.8168, 65.9320
Hunter-Lab	33.2093, 29.3581, 20.9817

Details

The Yxy color **11.0286, 0.5696, 0.3860** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.0858, 0.1878, 0.1961**, and the grayscale version is **9.1226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6731, 0.5135, 0.3893**, and **2.9047, 0.6271, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **11.0294, 0.5695, 0.3860**, and if you desaturate by 10%, it is **12.2376, 0.5443, 0.3929**.

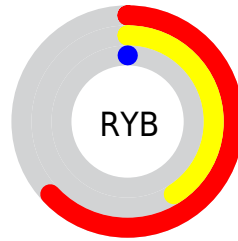
Distribution



Red (63%)

Green (25%)

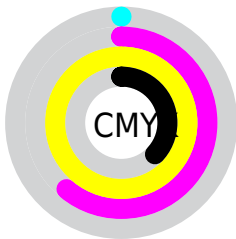
Blue (0%)



Red (63%)

Yellow (41%)

Blue (0%)

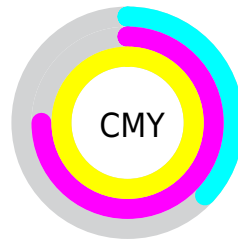


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0286, 0.5696, 0.3860 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 11.0286, 0.5696, 0.3860 by changing the saturation by 10% instead.


 11.0286, 0.5696,
0.3860


 11.0286, 0.5696,
0.3860


 197.8637, 0.4216,
0.3721


 6.0861, 0.6158,
0.3820

 27.7130, 0.5140,
0.3889


 2.8975, 0.6480,
0.3520

 40.2237, 0.4932,
0.3871

 1.0785, 0.6971,
0.3029

 56.0260, 0.4758,
0.3846

 0.0000, 1.0000,
0.0000

 75.5041, 0.4613,
0.3819


 0.0000, 0.0000,
0.0000


 99.0426, 0.4491,
0.3793


 127.0257, 0.4385,

0.3767


 159.8379, 0.4295,
0.3743


 11.0286, 0.5696,
0.3860


 11.0286, 0.5696,
0.3860


 11.0294, 0.5695,
0.3860

 12.2376, 0.5443,
0.3929

 13.6738, 0.5154,
0.3958

 15.3595, 0.4839,
0.3939

 17.3080, 0.4520,
0.3881

 19.5318, 0.4216,
0.3798

■ 22.0421, 0.3938,
0.3699

■ 24.8496, 0.3691,
0.3593

■ 27.9643, 0.3475,
0.3488

■ 31.3957, 0.3288,
0.3386

Harmonies

Analogous

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



11.0286, 0.5581, 0.3063



11.0286, 0.5696, 0.3860



11.0286, 0.5017, 0.4812

Triad

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



11.0286, 0.5696, 0.3860



11.0286, 0.1712, 0.4474



11.0286, 0.1884, 0.1474

Complementary

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



11.0286, 0.5696, 0.3860



11.0858, 0.1878, 0.1961

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.



11.0286, 0.1272, 0.1473



11.0286, 0.5696, 0.3860



11.0286, 0.1153, 0.2787

Square

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



11.0286, 0.5696, 0.3860



11.0286, 0.2734, 0.5854



11.0286, 0.1042, 0.1836



11.0286, 0.2991, 0.1772

Rectangle

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



11.0286, 0.5696, 0.3860



11.0286, 0.4307, 0.5457



11.0286, 0.1042, 0.1836



11.0286, 0.1630, 0.1439

Sweetspot

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



11.0294, 0.5695, 0.3860



44.8102, 0.3704, 0.3599



8.3680, 0.4456, 0.2228



9.3748, 0.3799, 0.3641



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.



11.0294, 0.5695, 0.3860



19.6565, 0.5728, 0.3834



26.6215, 0.4412, 0.4879



7.0533, 0.3275, 0.3379



8.6730, 0.5679, 0.3873



0.2349, 0.5011, 0.4403

Inverse Universe

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



11.0858, 0.1878, 0.1961



19.7242, 0.1871, 0.1934



2.9926, 0.1527, 0.0695



7.0705, 0.2988, 0.3200



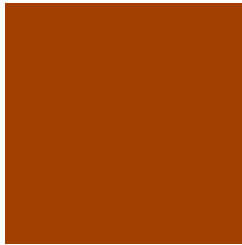
8.7233, 0.1882, 0.1974



0.2367, 0.2044, 0.2560

Previews

White Background



This preview shows how the Yxy color 11.0286, 0.5696, 0.3860 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

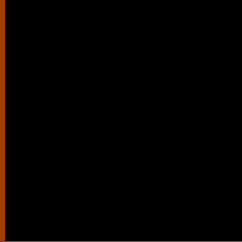
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0286, 0.5696, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 11.0286, 0.5696, 0.3860.



This preview shows how white text looks on a background with the Yxy color 11.0286, 0.5696, 0.3860.

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

11.0286, 0.5696, 0.3860

Protanopia

11.2860, 0.4301, 0.4792

Deuteranopia

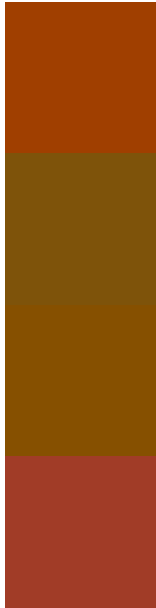
11.2343, 0.4679, 0.4667



Tritanopia

11.0528, 0.5043, 0.3253

Trichromacy



Original Color

11.0286, 0.5696, 0.3860

Protanomaly

10.6440, 0.4873, 0.4413

Deuteranomaly

10.8057, 0.5096, 0.4336

Tritanomaly

10.9553, 0.5417, 0.3558

Monochromacy



Original Color

11.0286, 0.5696, 0.3860

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0188, 0.4216, 0.3802

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0286, 0.5696, 0.3860 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, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 63, 0)  
}
```

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, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 63, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0286, 0.5696, 0.3860 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, 63, 0) }
```

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

```
.border{ border-color:rgb(160, 63, 0) }
```

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

Here you see how a box with a 4 pixel rgb(160, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 63, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0286, 0.5696, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 63, 0) }
```

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

```
.background{ background-color: rgb(160, 63,  
0) }
```

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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