

Converting Colors

$Y_{xy}(11.3120, 0.5676, 0.3876)$

Have a look what the booklet for
Yxy(11.3120, 0.5676, 0.3876)
contains.

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Color

Yxy(11.3577, 0.5669, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	A14100
RGB	161, 65, 0
RGB Percent	63%, 25%, 0%
CMY	0.3686, 0.7451, 1.0000
CMYK	0.00, 0.60, 1.00, 0.37
HSL	24°, 100%, 32%
HSV	24°, 100%, 63%
XYZ	16.5903, 11.3577, 1.3169
YIQ	86.2940, 78.0810, 0.1370

Conversions

Conversions Part 2

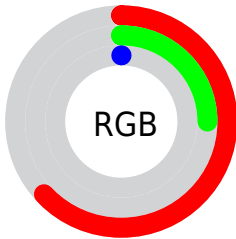
Format	Color
R_{YB}	161, 109, 0
Decimal	10567936
CIE Lab	40.18, 37.29, 50.95
CIE LCh	40, 63.137, 53.798
Yxy	11.3577, 0.5669, 0.3881
Android (android.graphics.Color)	4288758016 (0xFFA14100)
YUV	86.2940, -42.5429, 65.5172
Hunter-Lab	33.7012, 28.8941, 21.2740

Details

The Yxy color **11.3577, 0.5669, 0.3881** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.9430, 0.1868, 0.1925**, and the grayscale version is **9.4518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2962, 0.5113, 0.3904**, and **3.0296, 0.6232, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **11.3584, 0.5669, 0.3881**, and if you desaturate by 10%, it is **12.5937, 0.5420, 0.3949**.

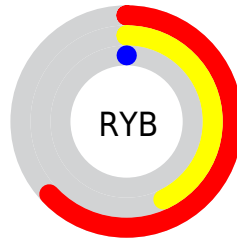
Distribution



Red (63%)

Green (25%)

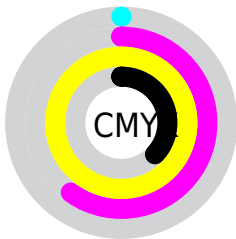
Blue (0%)



Red (63%)

Yellow (43%)

Blue (0%)

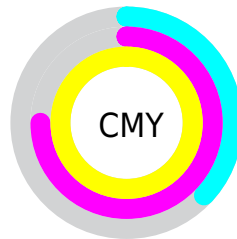


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (37%)



Cyan (37%)

Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3577, 0.5669, 0.3881 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 11.3577, 0.5669, 0.3881 by changing the saturation by 10% instead.


 11.3577, 0.5669,
0.3881


 11.3577, 0.5669,
0.3881


 200.1054, 0.4210,
0.3728


 6.3080, 0.6112,
0.3842


 28.3197, 0.5123,
0.3903

 3.0332, 0.6439,
0.3561

 41.0008, 0.4917,
0.3883


 1.1491, 0.6912,
0.3088

 56.9945, 0.4747,
0.3857

 0.0195, 0.9795,
0.0205


 76.6852, 0.4604,
0.3829

 0.0000, 0.0000,
0.0000

 100.4572, 0.4482,
0.3802

 128.6950, 0.4378,


0.3775


 161.7829, 0.4289,
0.3751


 11.3577, 0.5669,
0.3881


 11.3577, 0.5669,
0.3881


 11.3584, 0.5669,
0.3881

 12.5937, 0.5420,
0.3949

 14.0553, 0.5135,
0.3977

 15.7643, 0.4825,
0.3956

 17.7340, 0.4510,
0.3896

 19.9763, 0.4210,
0.3810

■ 22.5026, 0.3935,
0.3709

■ 25.3232, 0.3689,
0.3601

■ 28.4479, 0.3474,
0.3493

■ 31.8861, 0.3288,
0.3389

Harmonies

Analogous

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



11.3577, 0.5571, 0.3085



11.3577, 0.5669, 0.3881



11.3577, 0.4983, 0.4824

Triad

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



11.3577, 0.5669, 0.3881



11.3577, 0.1709, 0.4423



11.3577, 0.1911, 0.1490

Complementary

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



11.3577, 0.5669, 0.3881



10.9430, 0.1868, 0.1925

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.



11.3577, 0.1293, 0.1482



11.3577, 0.5669, 0.3881



11.3577, 0.1161, 0.2767

Square

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



11.3577, 0.5669, 0.3881



11.3577, 0.2719, 0.5810



11.3577, 0.1057, 0.1837



11.3577, 0.3022, 0.1793

Rectangle

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



11.3577, 0.5669, 0.3881



11.3577, 0.4277, 0.5456



11.3577, 0.1057, 0.1837



11.3577, 0.1655, 0.1453

Sweetspot

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



11.3584, 0.5669, 0.3881



45.0444, 0.3702, 0.3607



8.4343, 0.4523, 0.2266



9.4307, 0.3796, 0.3650



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.



11.3584, 0.5669, 0.3881



19.9735, 0.5700, 0.3856



27.8025, 0.4378, 0.4906



7.5334, 0.3275, 0.3381



9.1458, 0.5654, 0.3892



0.2836, 0.5028, 0.4389

Inverse Universe

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



10.9430, 0.1868, 0.1925



19.1987, 0.1861, 0.1899



2.9473, 0.1522, 0.0677



7.5292, 0.2987, 0.3197



8.8196, 0.1872, 0.1937



0.2745, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 11.3577, 0.5669, 0.3881 looks on a white background.

Color Contrast Check

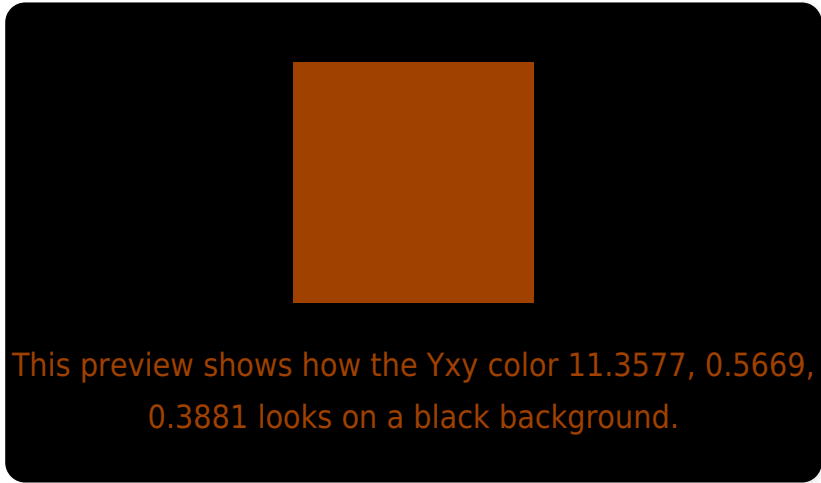
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3577, 0.5669, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 11.3577, 0.5669, 0.3881.



This preview shows how white text looks on a background with the Yxy color 11.3577, 0.5669, 0.3881.

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

11.3577, 0.5669, 0.3881

Protanopia

11.5913, 0.4318, 0.4784

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.3884, 0.5020, 0.3240

Trichromacy



Original Color

11.3577, 0.5669, 0.3881

Protanomaly

11.0309, 0.4848, 0.4436

Deuteranomaly

11.2688, 0.5081, 0.4347

Tritanomaly

11.2867, 0.5372, 0.3562

Monochromacy



Original Color

11.3577, 0.5669, 0.3881

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.2353, 0.4204, 0.3798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3577, 0.5669, 0.3881 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(161, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 65, 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(161, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 65, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.3577, 0.5669, 0.3881 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(161, 65, 0) }
```

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

```
.border{ border-color:rgb(161, 65, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 65, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 65, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3577, 0.5669, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 65, 0) }
```

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

```
.background{ background-color: rgb(161, 65,  
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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