

Converting Colors

$Y_{xy}(10.6978, 0.6103, 0.3516)$

Have a look what the booklet for
Yxy(10.6978, 0.6103, 0.3516)
contains.

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Color

Yxy(10.7543, 0.6102, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	B02803
RGB	176, 40, 3
RGB Percent	69%, 16%, 1%
CMY	0.3098, 0.8431, 0.9881
CMYK	0.00, 0.77, 0.98, 0.31
HSL	13°, 97%, 35%
HSV	13°, 98%, 69%
XYZ	18.6800, 10.7543, 1.1786
YIQ	76.4460, 92.9330, 17.3250

Conversions

Conversions Part 2

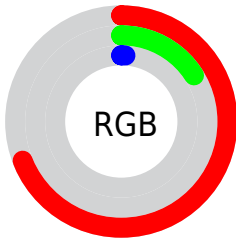
Format	Color
R_{YB}	176, 50, 3
Decimal	11544579
CIE Lab	39.16, 52.93, 50.87
CIE LCh	39, 73.410, 43.862
Yxy	10.7543, 0.6102, 0.3513
Android (android.graphics.Color)	4289734659 (0xFFB02803)
YUV	76.4460, -36.2089, 87.3089
Hunter-Lab	32.7937, 44.2881, 20.8248

Details

The Yxy color **10.7543, 0.6102, 0.3513** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **21.6291, 0.2059, 0.2603**, and the grayscale version is **7.3706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3410, 0.5463, 0.3654**, and **3.5774, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.5919, 0.6146, 0.3502**, and if you desaturate by 10%, it is **11.9071, 0.5823, 0.3584**.

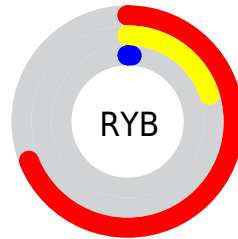
Distribution



Red (69%)

Green (16%)

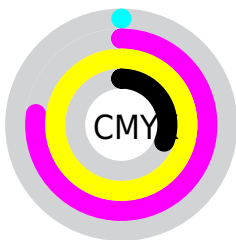
Blue (1%)



Red (69%)

Yellow (20%)

Blue (1%)

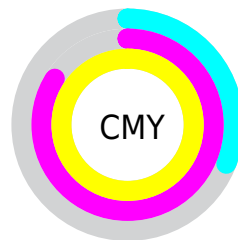


Cyan (0%)

Magenta (77%)

Yellow (98%)

Black (31%)



Cyan (31%)

Magenta (84%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7543, 0.6102, 0.3513 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 10.7543, 0.6102, 0.3513 by changing the saturation by 10% instead.


 10.7543, 0.6102,
0.3513


 10.7543, 0.6102,
0.3513


 195.9741, 0.4388,
0.3619


 5.9019, 0.6617,
0.3383

 27.2049, 0.5461,
0.3649


 2.7855, 0.7001,
0.2999

 39.5719, 0.5220,
0.3666

 1.0208, 0.7580,
0.2420

 55.2125, 0.5019,
0.3669

 0.0000, 1.0000,
0.0000


 74.5112, 0.4850,
0.3664

 0.0000, 0.0000,
0.0000


 97.8523, 0.4708,
0.3655


 125.6202, 0.4585,


0.3643


 158.1993, 0.4480,
0.3631

 10.7543, 0.6102,
0.3513


 10.7543, 0.6102,
0.3513


 10.5919, 0.6146,
0.3502

 11.9071, 0.5823,
0.3584

 13.4680, 0.5465,
0.3625

 15.4772, 0.5064,
0.3629

 17.9669, 0.4665,
0.3605

 20.9664, 0.4295,
0.3561

■ 24.5022, 0.3969,
0.3507

■ 28.5992, 0.3691,
0.3448

■ 33.2808, 0.3457,
0.3390

■ 38.5686, 0.3263,
0.3334

Harmonies

Analogous

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



10.7543, 0.5676, 0.2720



10.7543, 0.6102, 0.3513



10.7543, 0.5489, 0.4511

Triad

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



10.7543, 0.6102, 0.3513



10.7543, 0.1780, 0.5381



10.7543, 0.1471, 0.1249

Complementary

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



10.7543, 0.6102, 0.3513



21.6291, 0.2059, 0.2603

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.



10.7543, 0.0971, 0.1338



10.7543, 0.6102, 0.3513



10.7543, 0.1040, 0.3187

Square

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



10.7543, 0.6102, 0.3513



10.7543, 0.2966, 0.6424



10.7543, 0.0829, 0.1858



10.7543, 0.2498, 0.1469

Rectangle

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



10.7543, 0.6102, 0.3513



10.7543, 0.4716, 0.5284



10.7543, 0.0829, 0.1858



10.7543, 0.1256, 0.1242

Sweetspot

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



10.7550, 0.6102, 0.3513



50.8942, 0.3723, 0.3455



11.2314, 0.3775, 0.1862



10.3431, 0.3836, 0.3480



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



10.7550, 0.6102, 0.3513



18.9413, 0.6171, 0.3482



23.6803, 0.4821, 0.4540



8.7900, 0.3282, 0.3339



7.8435, 0.6129, 0.3516



0.3314, 0.5605, 0.3931

Inverse Universe

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



21.6291, 0.2059, 0.2603



38.5090, 0.2049, 0.2577



5.8800, 0.1625, 0.1034



9.3171, 0.2986, 0.3240



15.8049, 0.2055, 0.2598



0.5744, 0.2115, 0.2812

Previews

White Background



This preview shows how the Yxy color 10.7543, 0.6102, 0.3513 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

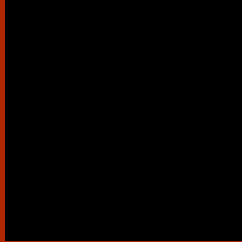
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7543, 0.6102, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 10.7543, 0.6102, 0.3513.



This preview shows how white text looks on a background with the Yxy color 10.7543, 0.6102, 0.3513.

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

10.7543, 0.6102, 0.3513

Protanopia

11.0628, 0.4268, 0.4739

Deuteranopia

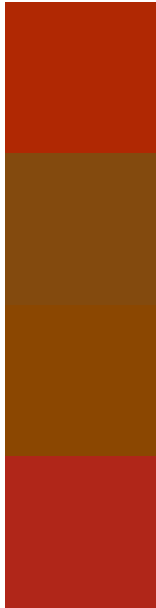
10.9963, 0.4683, 0.4663



Tritanopia

10.6932, 0.5819, 0.3289

Trichromacy



Original Color

10.7543, 0.6102, 0.3513

Protanomaly

9.7546, 0.5099, 0.4184

Deuteranomaly

9.9976, 0.5337, 0.4134

Tritanomaly

10.6865, 0.5969, 0.3398

Monochromacy



Original Color

10.7543, 0.6102, 0.3513

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

7.2215, 0.4494, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7543, 0.6102, 0.3513 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(176, 40, 3)` looks like.

```
.text, #text, p{  
    color:rgb(176, 40, 3)  
}
```

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(176, 40, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 40, 3) }
```

Border

The CSS property to change the border of an element to Yxy 10.7543, 0.6102, 0.3513 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(176, 40, 3) }
```

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

```
.border{ border-color:rgb(176, 40, 3) }
```

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

Here you see how a box with a 4 pixel rgb(176, 40, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 40, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 40, 3);  
box-shadow:4px 4px 4px 4px rgb(176, 40, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.7543, 0.6102, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 40, 3) }
```

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

```
.background{ background-color: rgb(176, 40,  
3) }
```

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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