

Converting Colors

$Y_{xy}(11.0051, 0.5501, 0.3720)$

Have a look what the booklet for
Yxy(11.0051, 0.5501, 0.3720)
contains.

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Color

Yxy(11.0051, 0.5501, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	9F3F1B
RGB	159, 63, 27
RGB Percent	62%, 25%, 11%
CMY	0.3765, 0.7529, 0.8940
CMYK	0.00, 0.60, 0.83, 0.38
HSL	16°, 71%, 36%
HSV	16°, 83%, 62%
XYZ	16.2739, 11.0051, 2.3046
YIQ	87.6000, 68.7720, 9.1560

Conversions

Conversions Part 2

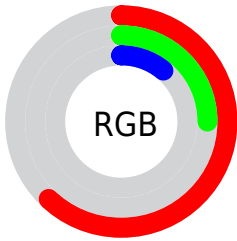
Format	Color
R_{YB}	159, 77, 27
Decimal	10436379
CIE Lab	39.59, 38.04, 40.52
CIE LCh	40, 55.575, 46.811
Yxy	11.0051, 0.5501, 0.3720
Android (android.graphics.Color)	4288626459 (0xFF9F3F1B)
YUV	87.6000, -29.8758, 62.6178
Hunter-Lab	33.1739, 29.5113, 19.1029

Details

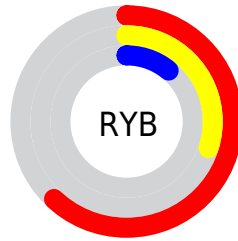
The Yxy color **11.0051, 0.5501, 0.3720** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **16.9072, 0.2089, 0.2560**, and the grayscale version is **9.7231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7447, 0.4941, 0.3729**, and **2.8830, 0.6285, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **9.8017, 0.5816, 0.3663**, and if you desaturate by 10%, it is **12.5188, 0.5136, 0.3734**.

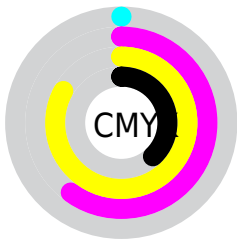
Distribution



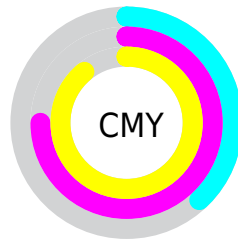
- Red (62%)
- Green (25%)
- Blue (11%)



- Red (62%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (60%)
- Yellow (83%)
- Black (38%)





- Cyan (38%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0051, 0.5501, 0.3720 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 11.0051, 0.5501, 0.3720 by changing the saturation by 10% instead.


 11.0051, 0.5501,
0.3720


 11.0051, 0.5501,
0.3720


197.7025, 0.4085,
0.3602


 6.0703, 0.5905,
0.3654

 27.6696, 0.4939,
0.3731

 2.8879, 0.6488,
0.3512

 40.1681, 0.4740,
0.3715


 1.0735, 0.6981,
0.3019

 55.9565, 0.4578,
0.3696

 0.0000, 1.0000,
0.0000

 75.4194, 0.4444,
0.3675


 0.0000, 0.0000,
0.0000


 98.9410, 0.4332,
0.3655


 126.9058, 0.4237,


0.3636


 159.6982, 0.4156,
0.3619


 11.0051, 0.5501,
0.3720


 11.0051, 0.5501,
0.3720


 9.8017, 0.5816,
0.3663


 12.5188, 0.5136,
0.3734

 9.1244, 0.6007,
0.3612

 14.3620, 0.4760,
0.3711

 16.5545, 0.4402,
0.3662

 19.1137, 0.4077,
0.3597

 22.0559, 0.3794,
0.3524

■ 25.3965, 0.3551,
0.3450

■ 29.1498, 0.3346,
0.3378

■ 33.3295, 0.3173,
0.3310

■ 37.9486, 0.3028,
0.3246

Harmonies

Analogous

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



11.0051, 0.5159, 0.2974



11.0051, 0.5501, 0.3720



11.0051, 0.5045, 0.4547

Triad

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



11.0051, 0.5501, 0.3720



11.0051, 0.2049, 0.4646



11.0051, 0.1848, 0.1600

Complementary

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



11.0051, 0.5501, 0.3720



16.9072, 0.2089, 0.2560

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.



11.0051, 0.1351, 0.1673



11.0051, 0.5501, 0.3720



11.0051, 0.1407, 0.3143

Square

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



11.0051, 0.5501, 0.3720



11.0051, 0.3056, 0.5605



11.0051, 0.1204, 0.2127



11.0051, 0.2768, 0.1823

Rectangle

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



11.0051, 0.5501, 0.3720



11.0051, 0.4466, 0.5109



11.0051, 0.1204, 0.2127



11.0051, 0.1639, 0.1589

Sweetspot

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



11.0057, 0.5501, 0.3720



43.9368, 0.3608, 0.3468



9.6063, 0.3831, 0.2009



9.4545, 0.3687, 0.3493



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.



11.0057, 0.5501, 0.3720



16.0594, 0.6039, 0.3587



22.9425, 0.4495, 0.4637



6.9258, 0.3278, 0.3352



7.2684, 0.5992, 0.3624



0.1946, 0.5300, 0.4174

Inverse Universe

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



16.9072, 0.2089, 0.2560



26.3715, 0.1992, 0.2372



5.7442, 0.1732, 0.1211



7.2034, 0.2988, 0.3228



11.8511, 0.2000, 0.2399



0.2777, 0.2110, 0.2796

Previews

White Background



This preview shows how the Yxy color 11.0051, 0.5501, 0.3720 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

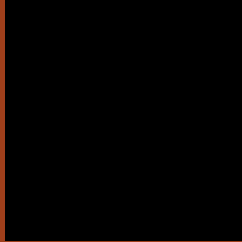
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0051, 0.5501, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 11.0051, 0.5501, 0.3720.



This preview shows how white text looks on a background with the Yxy color 11.0051, 0.5501, 0.3720.

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

11.0051, 0.5501, 0.3720

Protanopia

11.1300, 0.4141, 0.4549

Deuteranopia

11.1041, 0.4617, 0.4548



Tritanopia

10.9604, 0.5011, 0.3239

Trichromacy



Original Color

11.0051, 0.5501, 0.3720

Protanomaly

10.6508, 0.4676, 0.4216

Deuteranomaly

10.8562, 0.4978, 0.4214

Tritanomaly

10.9356, 0.5236, 0.3431

Monochromacy



Original Color

11.0051, 0.5501, 0.3720

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.5627, 0.4012, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0051, 0.5501, 0.3720 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(159, 63, 27)` looks like.

```
.text, #text, p{  
    color:rgb(159, 63, 27)  
}
```

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(159, 63, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 63, 27) }
```

Border

The CSS property to change the border of an element to Yxy 11.0051, 0.5501, 0.3720 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(159, 63, 27) }
```

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

```
.border{ border-color:rgb(159, 63, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 63, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 63, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 63, 27);  
box-shadow:4px 4px 4px 4px rgb(159, 63,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0051, 0.5501, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 63, 27) }
```

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

```
.background{ background-color: rgb(159, 63,  
27) }
```

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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