

Converting Colors

$Y_{xy}(11.5307, 0.5076, 0.3582)$

Have a look what the booklet for
Yxy(11.5307, 0.5076, 0.3582)
contains.

Yxy(11.5459, 0.5090, 0.3585)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5459, 0.5090, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	9C4531
RGB	156, 69, 49
RGB Percent	61%, 27%, 19%
CMY	0.3882, 0.7294, 0.8079
CMYK	0.00, 0.56, 0.69, 0.39
HSL	11°, 52%, 40%
HSV	11°, 69%, 61%
XYZ	16.3929, 11.5459, 4.2673
YIQ	92.7330, 58.2720, 12.2240

Conversions

Conversions Part 2

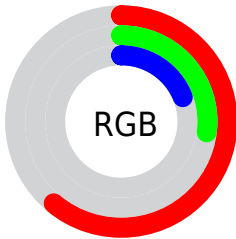
Format	Color
R_{YB}	156, 74, 49
Decimal	10241329
CIE _{Lab}	40.49, 34.85, 29.45
CIE _{LCh}	40, 45.628, 40.203
Yxy	11.5459, 0.5090, 0.3585
Android (android.graphics.Color)	4288431409 (0xFF9C4531)
YUV	92.7330, -21.5604, 55.4852
Hunter-Lab	33.9793, 26.6517, 16.3395

Details

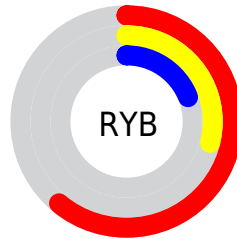
The Yxy color **11.5459, 0.5090, 0.3585** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.6536, 0.2253, 0.2896**, and the grayscale version is **10.9218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7245, 0.4592, 0.3580**, and **3.1250, 0.6045, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **10.0400, 0.5497, 0.3579**, and if you desaturate by 10%, it is **13.4322, 0.4684, 0.3565**.

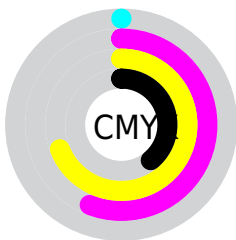
Distribution



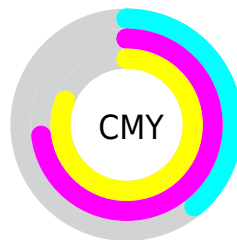
- Red (61%)
- Green (27%)
- Blue (19%)



- Red (61%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (56%)
- Yellow (69%)
- Black (39%)





- Cyan (39%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5459, 0.5090, 0.3585 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 11.5459, 0.5090, 0.3585 by changing the saturation by 10% instead.


 11.5459, 0.5090,
0.3585


 11.5459, 0.5090,
0.3585


201.3754, 0.3895,
0.3488


 6.4353, 0.5466,
0.3555


 28.6653, 0.4597,
0.3578


 3.1115, 0.6049,
0.3491

 41.4429, 0.4430,
0.3565


 1.1902, 0.6788,
0.3212

 57.5449, 0.4296,
0.3550

 0.0537, 0.9439,
0.0561

 77.3557, 0.4186,
0.3536

 0.0000, 0.0000,
0.0000

 101.2598, 0.4094,
0.3522

 129.6415, 0.4017,

0.3510

162.8853, 0.3952,
0.3498

■ 11.5459, 0.5090,
0.3585

■ 11.5459, 0.5090,
0.3585

■ 10.0400, 0.5497,
0.3579

■ 13.4322, 0.4684,
0.3565

■ 8.8860, 0.5860,
0.3541

■ 15.7206, 0.4308,
0.3527

■ 8.0510, 0.6144,
0.3481

■ 18.4337, 0.3979,
0.3480

■ 7.9566, 0.6181,
0.3474

■ 21.5917, 0.3698,
0.3429

■ 25.2134, 0.3463,
0.3378

■ 29.3166, 0.3268,
0.3329

■ 33.9182, 0.3106,
0.3284

■ 39.0342, 0.2972,
0.3242

■ 44.6800, 0.2861,
0.3204

Harmonies

Analogous

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



11.5459, 0.4619, 0.2925



11.5459, 0.5090, 0.3585



11.5459, 0.4899, 0.4285

Triad

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



11.5459, 0.5090, 0.3585



11.5459, 0.2437, 0.4588



11.5459, 0.1925, 0.1837

Complementary

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



11.5459, 0.5090, 0.3585



20.6536, 0.2253, 0.2896

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.



11.5459, 0.1550, 0.1985



11.5459, 0.5090, 0.3585



11.5459, 0.1779, 0.3450

Square

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



11.5459, 0.5090, 0.3585



11.5459, 0.3338, 0.5171



11.5459, 0.1494, 0.2498



11.5459, 0.2643, 0.1974

Rectangle

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



11.5459, 0.5090, 0.3585



11.5459, 0.4491, 0.4735



11.5459, 0.1494, 0.2498



11.5459, 0.1763, 0.1852

Sweetspot

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



11.5465, 0.5090, 0.3585



43.8582, 0.3525, 0.3392



11.0512, 0.3513, 0.2014



9.2790, 0.3583, 0.3405



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.5465, 0.5090, 0.3585



17.1065, 0.5688, 0.3564



21.2361, 0.4392, 0.4392



6.8371, 0.3280, 0.3333



6.5931, 0.6170, 0.3483



0.1663, 0.5560, 0.3967

Inverse Universe

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



20.6536, 0.2253, 0.2896



34.5178, 0.2150, 0.2796



9.2188, 0.1981, 0.1764



7.2983, 0.2988, 0.3247



14.4853, 0.2081, 0.2693



0.3090, 0.2155, 0.2956

Previews

White Background



This preview shows how the Yxy color 11.5459, 0.5090, 0.3585 looks on a white background.

Color Contrast Check

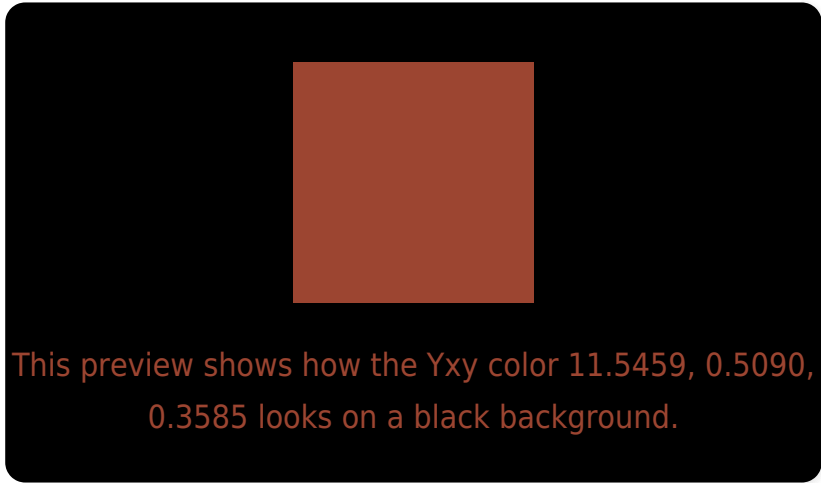
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5459, 0.5090, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 11.5459, 0.5090, 0.3585.



This preview shows how white text looks on a background with the Yxy color 11.5459, 0.5090, 0.3585.

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

11.5459, 0.5090, 0.3585

Protanopia

11.6745, 0.3829, 0.4149

Deuteranopia

11.7581, 0.4296, 0.4249



Tritanopia

11.5195, 0.4746, 0.3218

Trichromacy



Original Color

11.5459, 0.5090, 0.3585

Protanomaly

11.2165, 0.4300, 0.3912

Deuteranomaly

11.4434, 0.4589, 0.3984

Tritanomaly

11.5413, 0.4887, 0.3356

Monochromacy



Original Color

11.5459, 0.5090, 0.3585

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.5895, 0.3809, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5459, 0.5090, 0.3585 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(156, 69, 49)` looks like.

```
.text, #text, p{  
    color:rgb(156, 69, 49)  
}
```

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(156, 69, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 69, 49) }
```

Border

The CSS property to change the border of an element to Yxy 11.5459, 0.5090, 0.3585 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(156, 69, 49) }
```

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

```
.border{ border-color:rgb(156, 69, 49) }
```

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

Here you see how a box with a 4 pixel rgb(156, 69, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 69, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 69, 49);  
box-shadow:4px 4px 4px 4px rgb(156, 69,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5459, 0.5090, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 69, 49) }
```

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

```
.background{ background-color: rgb(156, 69,  
49) }
```

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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