

Converting Colors

$Y_{xy}(10.3659, 0.5460, 0.3996)$

Have a look what the booklet for
Yxy(10.3659, 0.5460, 0.3996)
contains.

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Color

Yxy(10.3482, 0.5460, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	934405
RGB	147, 68, 5
RGB Percent	58%, 27%, 2%
CMY	0.4236, 0.7333, 0.9803
CMYK	0.00, 0.54, 0.97, 0.42
HSL	27°, 93%, 30%
HSV	27°, 97%, 58%
XYZ	14.1253, 10.3482, 1.3970
YIQ	84.4390, 67.3070, -2.8450

Conversions

Conversions Part 2

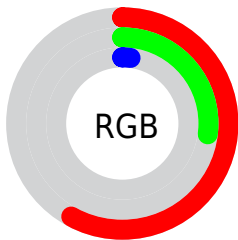
Format	Color
R_{YB}	147, 118, 5
Decimal	9651205
CIE _{Lab}	38.46, 30.10, 47.08
CIE _{LCh}	38, 55.877, 57.404
Yxy	10.3482, 0.5460, 0.4000
Android (android.graphics.Color)	4287841285 (0xFF934405)
YUV	84.4390, -39.1634, 54.8660
Hunter-Lab	32.1686, 22.0846, 19.9432

Details

The Yxy color **10.3482, 0.5460, 0.4000** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.4777, 0.1857, 0.1853**, and the grayscale version is **9.0351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.5278, 0.4930, 0.3966**, and **2.6242, 0.6011, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **10.0079, 0.5543, 0.3981**, and if you desaturate by 10%, it is **11.4465, 0.5216, 0.4048**.

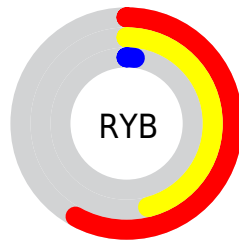
Distribution



Red (58%)

Green (27%)

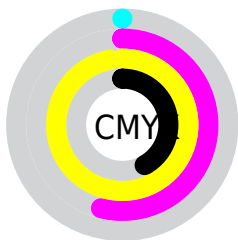
Blue (2%)



Red (58%)

Yellow (46%)

Blue (2%)

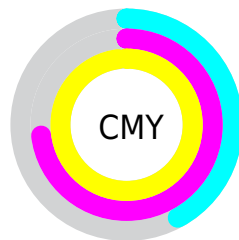


Cyan (0%)

Magenta (54%)

Yellow (97%)

Black (42%)



Cyan (42%)


Magenta (73%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3482, 0.5460, 0.4000 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 10.3482, 0.5460, 0.4000 by changing the saturation by 10% instead.


 10.3482, 0.5460,
0.4000


 10.3482, 0.5460,
0.4000


 193.1395, 0.4092,
0.3737

 5.6304, 0.5896,
0.4005

 26.4484, 0.4935,
0.3968


 2.6217, 0.6231,
0.3769

 38.5996, 0.4742,
0.3931


 0.9376, 0.6688,
0.3312

 53.9974, 0.4583,
0.3893

 0.0000, 1.0000,
0.0000

 73.0263, 0.4451,
0.3857

 0.0000, 0.0000,
0.0000

 96.0705, 0.4340,
0.3823

 123.5145, 0.4245,


0.3791


 155.7427, 0.4163,
0.3763


 10.3482, 0.5460,
0.4000


 10.3482, 0.5460,
0.4000

 10.0079, 0.5543,
0.3981

 11.4465, 0.5216,
0.4048

 12.7175, 0.4940,
0.4047

 14.1733, 0.4647,
0.4001

 15.8229, 0.4356,
0.3921

 17.6743, 0.4080,
0.3819

■ 19.7353, 0.3827,
0.3705

■ 22.0128, 0.3601,
0.3588

■ 24.5137, 0.3402,
0.3471

■ 27.2443, 0.3229,
0.3360

Harmonies

Analogous

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



10.3482, 0.5439, 0.3219



10.3482, 0.5460, 0.4000



10.3482, 0.4782, 0.4872

Triad

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



10.3482, 0.5460, 0.4000



10.3482, 0.1736, 0.4125



10.3482, 0.2099, 0.1617

Complementary

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



10.3482, 0.5460, 0.4000



8.4777, 0.1857, 0.1853

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.



10.3482, 0.1453, 0.1579



10.3482, 0.5460, 0.4000



10.3482, 0.1254, 0.2690

Square

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



10.3482, 0.5460, 0.4000



10.3482, 0.2658, 0.5473



10.3482, 0.1185, 0.1882



10.3482, 0.3192, 0.1941

Rectangle

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



10.3482, 0.5460, 0.4000



10.3482, 0.4118, 0.5407



10.3482, 0.1185, 0.1882



10.3482, 0.1836, 0.1571

Sweetspot

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



10.3488, 0.5460, 0.4000



38.1603, 0.3667, 0.3623



6.9740, 0.4576, 0.2322



8.3483, 0.3755, 0.3669



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



10.3488, 0.5460, 0.4000



17.5845, 0.5575, 0.3955



24.2524, 0.4298, 0.4945



6.2137, 0.3272, 0.3389



8.7262, 0.5533, 0.3988



0.1641, 0.4868, 0.4517

Inverse Universe

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



8.4777, 0.1857, 0.1853



14.1603, 0.1824, 0.1766



2.4658, 0.1537, 0.0690



6.1358, 0.2989, 0.3189



7.0779, 0.1835, 0.1806



0.1455, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 10.3482, 0.5460, 0.4000 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

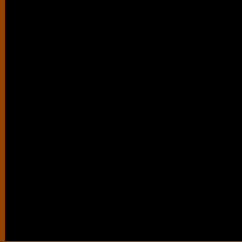
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3482, 0.5460, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 10.3482, 0.5460, 0.4000.



This preview shows how white text looks on a background with the Yxy color 10.3482, 0.5460, 0.4000.

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

10.3482, 0.5460, 0.4000

Protanopia

10.5696, 0.4313, 0.4799

Deuteranopia

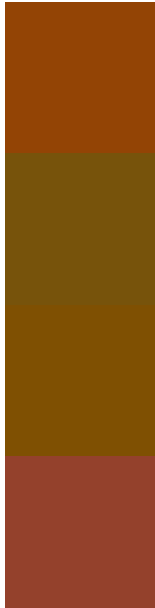
10.4612, 0.4676, 0.4669



Tritanopia

10.3498, 0.4739, 0.3230

Trichromacy



Original Color

10.3482, 0.5460, 0.4000

Protanomaly

10.1326, 0.4762, 0.4484

Deuteranomaly

10.2537, 0.4990, 0.4399

Tritanomaly

10.2583, 0.5124, 0.3611

Monochromacy



Original Color

10.3482, 0.5460, 0.4000

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.8504, 0.4094, 0.3823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3482, 0.5460, 0.4000 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(147, 68, 5)` looks like.

```
.text, #text, p{  
  color:rgb(147, 68, 5)  
}
```

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(147, 68, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 68, 5) }
```

Border

The CSS property to change the border of an element to Yxy 10.3482, 0.5460, 0.4000 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(147, 68, 5) }
```

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

```
.border{ border-color:rgb(147, 68, 5) }
```

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

Here you see how a box with a 4 pixel rgb(147, 68, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 68, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 68, 5);  
box-shadow:4px 4px 4px 4px rgb(147, 68, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3482, 0.5460, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 68, 5) }
```

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

```
.background{ background-color: rgb(147, 68,  
5) }
```

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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