

Converting Colors

$Y_{xy}(10.0093, 0.5841, 0.3744)$

Have a look what the booklet for
Yxy(10.0093, 0.5841, 0.3744)
contains.

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Color

Yxy(10.0093, 0.5841, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	9F3600
RGB	159, 54, 0
RGB Percent	62%, 21%, 0%
CMY	0.3765, 0.7882, 0.9999
CMYK	0.00, 0.66, 1.00, 0.38
HSL	20°, 100%, 31%
HSV	20°, 100%, 62%
XYZ	15.6155, 10.0093, 1.1095
YIQ	79.2390, 79.9140, 5.4660

Conversions

Conversions Part 2

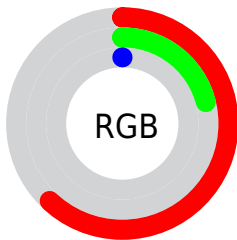
Format	Color
R_{YB}	159, 82, 0
Decimal	10434048
CIE Lab	37.86, 41.70, 49.50
CIE LCh	38, 64.722, 49.892
Yxy	10.0093, 0.5841, 0.3744
Android (android.graphics.Color)	4288624128 (0xFF9F3600)
YUV	79.2390, -39.0648, 69.9504
Hunter-Lab	31.6375, 32.7376, 20.0670

Details

The Yxy color **10.0093, 0.5841, 0.3744** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.6031, 0.1931, 0.2153**, and the grayscale version is **7.9343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.9282, 0.5242, 0.3819**, and **2.6526, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.0086, 0.5841, 0.3744**, and if you desaturate by 10%, it is **11.1323, 0.5573, 0.3817**.

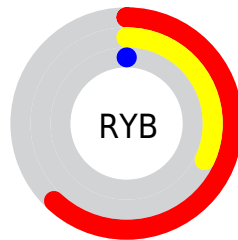
Distribution



Red (62%)

Green (21%)

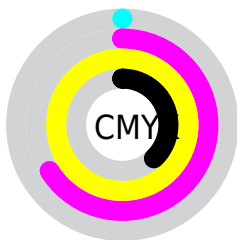
Blue (0%)



Red (62%)

Yellow (32%)

Blue (0%)

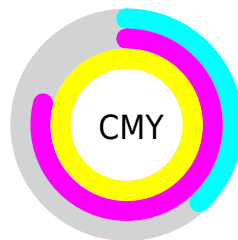


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (38%)



Cyan (38%)


Magenta (79%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0093, 0.5841, 0.3744 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 10.0093, 0.5841, 0.3744 by changing the saturation by 10% instead.


 10.0093, 0.5841,
0.3744


 10.0093, 0.5841,
0.3744


 190.7384, 0.4258,
0.3685


 5.4051, 0.6335,
0.3665

 25.8130, 0.5241,
0.3811

 2.4869, 0.6689,
0.3311

 37.7813, 0.5017,
0.3804


 0.8701, 0.7252,
0.2748

 52.9731, 0.4832,
0.3788

 0.0000, 1.0000,
0.0000

 71.7728, 0.4678,
0.3768


 0.0000, 0.0000,
0.0000

 94.5648, 0.4548,
0.3746

 121.7335, 0.4436,


0.3725

 153.6632, 0.4341,
0.3704


 10.0093, 0.5841,
0.3744


 10.0093, 0.5841,
0.3744


 10.0086, 0.5841,
0.3744

 11.1323, 0.5573,
0.3817

 12.5073, 0.5261,
0.3855

 14.1589, 0.4920,
0.3846

 16.1034, 0.4577,
0.3800

 18.3551, 0.4253,
0.3729

■ 20.9278, 0.3960,
0.3644

■ 23.8339, 0.3702,
0.3552

■ 27.0854, 0.3479,
0.3461

■ 30.6936, 0.3289,
0.3373

Harmonies

Analogous

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



10.0093, 0.5630, 0.2946



10.0093, 0.5841, 0.3744



10.0093, 0.5204, 0.4744

Triad

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



10.0093, 0.5841, 0.3744



10.0093, 0.1729, 0.4764



10.0093, 0.1736, 0.1391

Complementary

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



10.0093, 0.5841, 0.3744



12.6031, 0.1931, 0.2153

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.



10.0093, 0.1162, 0.1421



10.0093, 0.5841, 0.3744



10.0093, 0.1109, 0.2904

Square

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



10.0093, 0.5841, 0.3744



10.0093, 0.2814, 0.6079



10.0093, 0.0963, 0.1836



10.0093, 0.2824, 0.1664

Rectangle

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



10.0093, 0.5841, 0.3744



10.0093, 0.4480, 0.5462



10.0093, 0.0963, 0.1836



10.0093, 0.1495, 0.1367

Sweetspot

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



10.0099, 0.5841, 0.3744



42.3720, 0.3716, 0.3558



8.4106, 0.4259, 0.2120



9.0734, 0.3815, 0.3594



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.



10.0099, 0.5841, 0.3744



17.6017, 0.5874, 0.3718



24.0060, 0.4517, 0.4795



6.9961, 0.3276, 0.3367



7.9776, 0.5825, 0.3757



0.2169, 0.5131, 0.4308

Inverse Universe

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



12.6031, 0.1931, 0.2153



22.1999, 0.1925, 0.2130



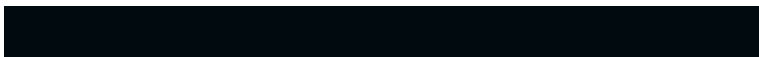
3.2646, 0.1545, 0.0760



7.1296, 0.2988, 0.3212



10.0343, 0.1934, 0.2164



0.2547, 0.2074, 0.2668

Previews

White Background



This preview shows how the Yxy color 10.0093, 0.5841, 0.3744 looks on a white background.

Color Contrast Check

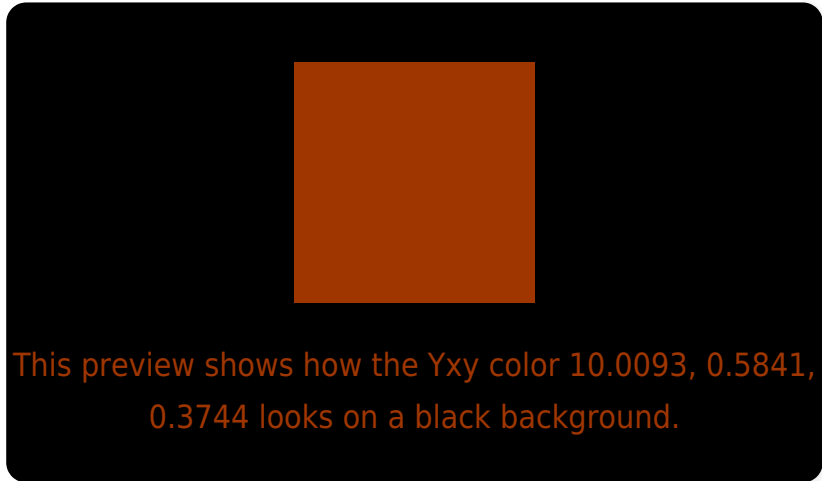
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

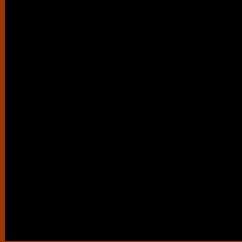
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0093, 0.5841, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 10.0093, 0.5841, 0.3744.



This preview shows how white text looks on a background with the Yxy color 10.0093, 0.5841, 0.3744.

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

10.0093, 0.5841, 0.3744

Protanopia

10.1776, 0.4312, 0.4751

Deuteranopia

10.2330, 0.4681, 0.4665



Tritanopia

10.0118, 0.5297, 0.3257

Trichromacy



Original Color

10.0093, 0.5841, 0.3744

Protanomaly

9.5429, 0.4944, 0.4336

Deuteranomaly

9.6434, 0.5169, 0.4277

Tritanomaly

9.9567, 0.5599, 0.3491

Monochromacy



Original Color

10.0093, 0.5841, 0.3744

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.7988, 0.4303, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0093, 0.5841, 0.3744 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, 54, 0)` looks like.

```
.text, #text, p{  
  color:rgb(159, 54, 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(159, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 54, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.0093, 0.5841, 0.3744 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, 54, 0) }
```

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

```
.border{ border-color:rgb(159, 54, 0) }
```

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

Here you see how a box with a 4 pixel rgb(159, 54, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 54, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.0093, 0.5841, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 54, 0) }
```

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

```
.background{ background-color: rgb(159, 54,  
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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