

Converting Colors

$Y_{xy}(10.3844, 0.5941, 0.3602)$

Have a look what the booklet for
Yxy(10.3844, 0.5941, 0.3602)
contains.

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Color

Yxy(10.3469, 0.5934, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	A73008
RGB	167, 48, 8
RGB Percent	65%, 19%, 3%
CMY	0.3451, 0.8117, 0.9690
CMYK	0.00, 0.71, 0.95, 0.35
HSL	15°, 91%, 34%
HSV	15°, 95%, 65%
XYZ	17.0362, 10.3469, 1.3264
YIQ	79.0210, 83.7640, 12.7880

Conversions

Conversions Part 2

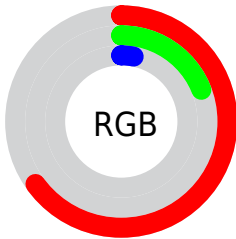
Format	Color
R_{YB}	167, 61, 8
Decimal	10956808
CIE _{Lab}	38.46, 47.18, 47.87
CIE _{LCh}	38, 67.216, 45.418
Yxy	10.3469, 0.5934, 0.3604
Android (android.graphics.Color)	4289146888 (0xFFA73008)
YUV	79.0210, -35.0134, 77.1576
Hunter-Lab	32.1666, 38.2464, 20.0718

Details

The Yxy color **10.3469, 0.5934, 0.3604** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.9920, 0.2037, 0.2502**, and the grayscale version is **7.8790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2709, 0.5308, 0.3696**, and **3.0642, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.8779, 0.6060, 0.3570**, and if you desaturate by 10%, it is **11.5684, 0.5632, 0.3671**.

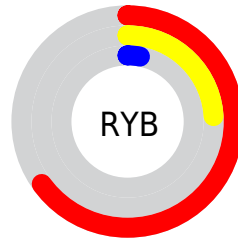
Distribution



Red (65%)

Green (19%)

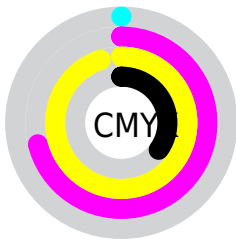
Blue (3%)



Red (65%)

Yellow (24%)

Blue (3%)

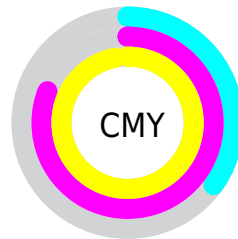


Cyan (0%)

Magenta (71%)

Yellow (95%)

Black (35%)



Cyan (35%)


Magenta (81%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3469, 0.5934, 0.3604 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 10.3469, 0.5934, 0.3604 by changing the saturation by 10% instead.


 10.3469, 0.5934,
0.3604

 10.3469, 0.5934,
0.3604


 193.1303, 0.4292,
0.3627


 5.6296, 0.6445,
0.3503


 26.4460, 0.5307,
0.3700


 2.6212, 0.6850,
0.3150

 38.5965, 0.5075,
0.3705

 0.9373, 0.7425,
0.2575

 53.9935, 0.4884,
0.3698

 0.0000, 1.0000,
0.0000

 73.0215, 0.4725,
0.3687


 0.0000, 0.0000,
0.0000


 96.0648, 0.4591,
0.3672


 123.5077, 0.4476,

0.3657


 155.7348, 0.4377,
0.3642

 10.3469, 0.5934,
0.3604


 10.3469, 0.5934,
0.3604

 9.8779, 0.6060,
0.3570

 11.5684, 0.5632,
0.3671

 13.1417, 0.5268,
0.3698

 15.0942, 0.4881,
0.3686

 17.4496, 0.4506,
0.3647

 20.2297, 0.4164,
0.3590

■ 23.4546, 0.3864,
0.3523

■ 27.1429, 0.3608,
0.3454

■ 31.3123, 0.3392,
0.3387

■ 35.9795, 0.3210,
0.3322

Harmonies

Analogous

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



10.3469, 0.5559, 0.2815



10.3469, 0.5934, 0.3604



10.3469, 0.5373, 0.4588

Triad

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



10.3469, 0.5934, 0.3604



10.3469, 0.1833, 0.5105



10.3469, 0.1592, 0.1344

Complementary

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



10.3469, 0.5934, 0.3604



17.9920, 0.2037, 0.2502

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.



10.3469, 0.1078, 0.1420



10.3469, 0.5934, 0.3604



10.3469, 0.1128, 0.3128

Square

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



10.3469, 0.5934, 0.3604



10.3469, 0.2971, 0.6198



10.3469, 0.0927, 0.1911



10.3469, 0.2611, 0.1574

Rectangle

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



10.3469, 0.5934, 0.3604



10.3469, 0.4668, 0.5332



10.3469, 0.0927, 0.1911



10.3469, 0.1373, 0.1333

Sweetspot

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



10.3475, 0.5934, 0.3604



45.6943, 0.3712, 0.3484



9.9250, 0.3910, 0.1953



9.6280, 0.3820, 0.3512



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



10.3475, 0.5934, 0.3604



17.4117, 0.6089, 0.3547



23.4693, 0.4665, 0.4640



7.8383, 0.3280, 0.3348



7.6274, 0.6044, 0.3583



0.2646, 0.5427, 0.4073

Inverse Universe

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



17.9920, 0.2037, 0.2502



30.8761, 0.2012, 0.2443



4.9290, 0.1619, 0.0983



8.2070, 0.2987, 0.3232



13.4202, 0.2019, 0.2468



0.4009, 0.2103, 0.2770

Previews

White Background



This preview shows how the Yxy color 10.3469, 0.5934, 0.3604 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 10.3469, 0.5934, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 10.3469, 0.5934, 0.3604.



This preview shows how white text looks on a background with the Yxy color 10.3469, 0.5934, 0.3604.

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

10.3469, 0.5934, 0.3604

Protanopia

10.5920, 0.4266, 0.4729

Deuteranopia

10.5294, 0.4692, 0.4656



Tritanopia

10.4068, 0.5539, 0.3275

Trichromacy



Original Color

10.3469, 0.5934, 0.3604

Protanomaly

9.6419, 0.4974, 0.4251

Deuteranomaly

9.9226, 0.5237, 0.4194

Tritanomaly

10.3886, 0.5740, 0.3427

Monochromacy



Original Color

10.3469, 0.5934, 0.3604

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.7708, 0.4326, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3469, 0.5934, 0.3604 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(167, 48, 8)` looks like.

```
.text, #text, p{  
    color:rgb(167, 48, 8)  
}
```

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(167, 48, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 48, 8) }
```

Border

The CSS property to change the border of an element to Yxy 10.3469, 0.5934, 0.3604 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(167, 48, 8) }
```

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

```
.border{ border-color:rgb(167, 48, 8) }
```

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

Here you see how a box with a 4 pixel rgb(167, 48, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 48, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 48, 8);  
box-shadow:4px 4px 4px 4px rgb(167, 48, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3469, 0.5934, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 48, 8) }
```

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

```
.background{ background-color: rgb(167, 48,  
8) }
```

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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