

Converting Colors

$Y_{xy}(13.1547, 0.6000, 0.3762)$

Have a look what the booklet for
Yxy(13.1547, 0.6000, 0.3762)
contains.

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Color

Yxy(13.1952, 0.5904, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	B73B00
RGB	183, 59, 0
RGB Percent	72%, 23%, 0%
CMY	0.2824, 0.7685, 0.9999
CMYK	0.00, 0.68, 1.00, 0.28
HSL	19°, 100%, 36%
HSV	19°, 100%, 72%
XYZ	21.0895, 13.1952, 1.4360
YIQ	89.3500, 92.8430, 7.9390

Conversions

Conversions Part 2

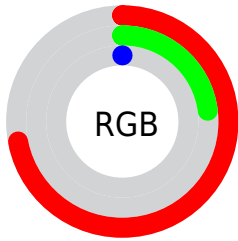
Format	Color
R_{YB}	183, 87, 0
Decimal	12008192
CIE _{Lab}	43.06, 48.15, 54.57
CIE _{LCh}	43, 72.773, 48.576
Yxy	13.1952, 0.5904, 0.3694
Android (android.graphics.Color)	4290198272 (0xFFB73B00)
YUV	89.3500, -44.0495, 82.1311
Hunter-Lab	36.3252, 40.0633, 23.0838

Details

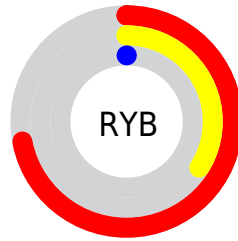
The Yxy color **13.1952, 0.5904, 0.3694** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **17.8277, 0.1945, 0.2202**, and the grayscale version is **10.1591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6480, 0.5341, 0.3768**, and **4.0649, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.1944, 0.5904, 0.3694**, and if you desaturate by 10%, it is **14.6706, 0.5641, 0.3776**.

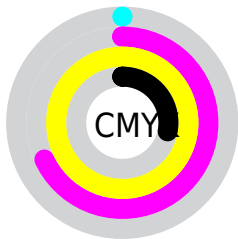
Distribution



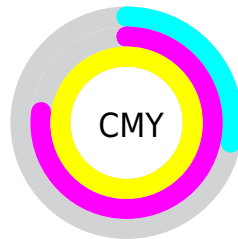
- Red (72%)
- Green (23%)
- Blue (0%)



- Red (72%)
- Yellow (34%)
- Blue (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (100%)
- Black (28%)





- Cyan (28%)
- Magenta (77%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1952, 0.5904, 0.3694 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 13.1952, 0.5904, 0.3694 by changing the saturation by 10% instead.


 13.1952, 0.5904,
0.3694


 13.1952, 0.5904,
0.3694


 212.1649, 0.4352,
0.3686


 7.5631, 0.6324,
0.3596


 31.6540, 0.5337,
0.3777


 3.8167, 0.6690,
0.3310

 45.2495, 0.5119,
0.3779


 1.5716, 0.7161,
0.2839

 62.2683, 0.4937,
0.3770

 0.3383, 0.8325,
0.1675

 83.0947, 0.4782,
0.3755


 0.0000, 1.0000,
0.0000


 108.1132, 0.4650,
0.3739


 0.0000, 0.0000,
0.0000


 137.7082, 0.4537,

0.3721

 172.2639, 0.4438,
0.3703

 13.1952, 0.5904,
0.3694


 13.1952, 0.5904,
0.3694

 13.1944, 0.5904,
0.3694

 14.6706, 0.5641,
0.3776

 16.5094, 0.5325,
0.3821

 18.7459, 0.4973,
0.3818

 21.4045, 0.4617,
0.3778

 24.5072, 0.4282,
0.3711

■ 28.0743, 0.3979,
0.3630

■ 32.1247, 0.3714,
0.3542

■ 36.6764, 0.3485,
0.3454

■ 41.7461, 0.3291,
0.3370

Harmonies

Analogous

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



13.1952, 0.5651, 0.2896



13.1952, 0.5904, 0.3694



13.1952, 0.5248, 0.4680

Triad

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



13.1952, 0.5904, 0.3694



13.1952, 0.1735, 0.4894



13.1952, 0.1674, 0.1356

Complementary

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



13.1952, 0.5904, 0.3694



17.8277, 0.1945, 0.2202

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.



13.1952, 0.1116, 0.1398



13.1952, 0.5904, 0.3694



13.1952, 0.1089, 0.2956

Square

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



13.1952, 0.5904, 0.3694



13.1952, 0.2844, 0.6171



13.1952, 0.0929, 0.1834



13.1952, 0.2754, 0.1618

Rectangle

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



13.1952, 0.5904, 0.3694



13.1952, 0.4518, 0.5417



13.1952, 0.0929, 0.1834



13.1952, 0.1438, 0.1335

Sweetspot

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



13.1960, 0.5904, 0.3694



57.1573, 0.3726, 0.3547



11.5474, 0.4208, 0.2092



11.9312, 0.3834, 0.3584



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



13.1960, 0.5904, 0.3694



23.2660, 0.5932, 0.3672



31.6994, 0.4558, 0.4762



9.4725, 0.3280, 0.3364



9.3185, 0.5883, 0.3711



0.4440, 0.5368, 0.4120

Inverse Universe

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



17.8277, 0.1945, 0.2202



31.4968, 0.1940, 0.2182



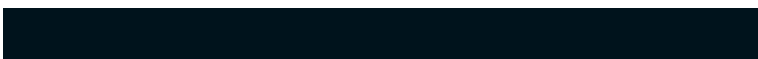
4.5376, 0.1548, 0.0771



9.7090, 0.2985, 0.3215



12.5666, 0.1949, 0.2216



0.5499, 0.2035, 0.2525

Previews

White Background



This preview shows how the Yxy color 13.1952, 0.5904, 0.3694 looks on a white background.

Color Contrast Check

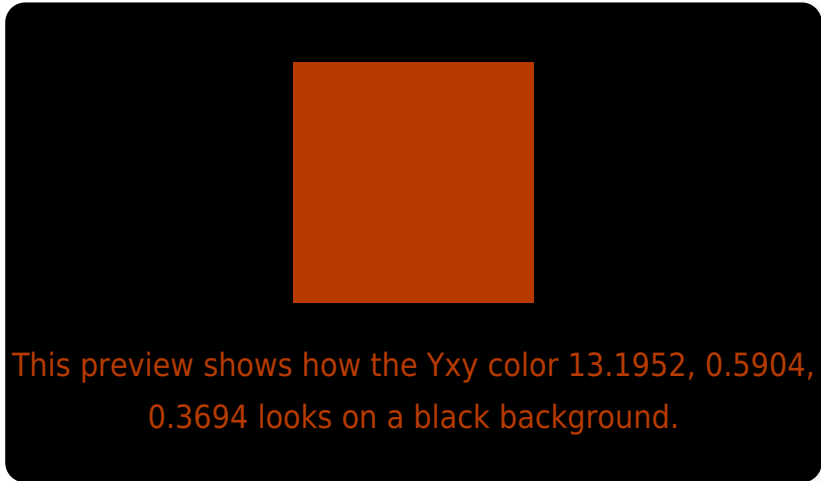
Large Text (above 18pt) WCAG AA ✓ Pass

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

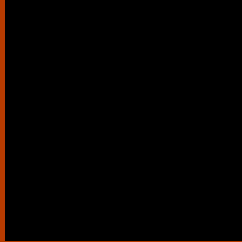
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.1952, 0.5904, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 13.1952, 0.5904, 0.3694.



This preview shows how white text looks on a background with the Yxy color 13.1952, 0.5904, 0.3694.

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

13.1952, 0.5904, 0.3694

Protanopia

13.4640, 0.4309, 0.4764

Deuteranopia

13.2952, 0.4708, 0.4644



Tritanopia

13.2282, 0.5403, 0.3264

Trichromacy



Original Color

13.1952, 0.5904, 0.3694

Protanomaly

12.4209, 0.4974, 0.4322

Deuteranomaly

12.5761, 0.5219, 0.4238

Tritanomaly

13.1523, 0.5688, 0.3477

Monochromacy



Original Color

13.1952, 0.5904, 0.3694

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.9551, 0.4346, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1952, 0.5904, 0.3694 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(183, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 59, 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(183, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 59, 0) }
```

Border

The CSS property to change the border of an element to Yxy 13.1952, 0.5904, 0.3694 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(183, 59, 0) }
```

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

```
.border{ border-color:rgb(183, 59, 0) }
```

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

Here you see how a box with a 4 pixel rgb(183, 59, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 59, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 59, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 59, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.1952, 0.5904, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 59, 0) }
```

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

```
.background{ background-color: rgb(183, 59,  
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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