

Converting Colors

$Y_{xy}(10.2635, 0.5656, 0.3857)$

Have a look what the booklet for
Yxy(10.2635, 0.5656, 0.3857)
contains.

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Color

Yxy(10.2163, 0.5661, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	9A3D04
RGB	154, 61, 4
RGB Percent	60%, 24%, 2%
CMY	0.3961, 0.7608, 0.9844
CMYK	0.00, 0.60, 0.97, 0.40
HSL	23°, 95%, 31%
HSV	23°, 97%, 60%
XYZ	15.0180, 10.2163, 1.2946
YIQ	82.3090, 73.7250, 1.9890

Conversions

Conversions Part 2

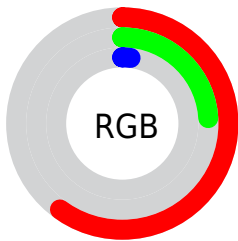
Format	Color
RYB	154, 96, 4
Decimal	10108164
CIELab	38.23, 36.57, 47.85
CIElCh	38, 60.222, 52.610
Yxy	10.2163, 0.5661, 0.3851
Android (android.graphics.Color)	4288298244 (0xFF9A3D04)
YUV	82.3090, -38.6063, 62.8730
Hunter-Lab	31.9629, 27.9345, 19.9726

Details

The Yxy color **10.2163, 0.5661, 0.3851** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.9059, 0.1909, 0.2050**, and the grayscale version is **8.5710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3209, 0.5089, 0.3879**, and **2.5849, 0.6288, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **9.9508, 0.5728, 0.3834**, and if you desaturate by 10%, it is **11.3681, 0.5397, 0.3914**.

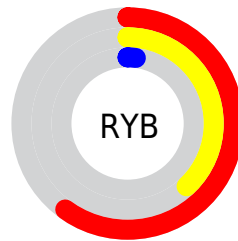
Distribution



Red (60%)

Green (24%)

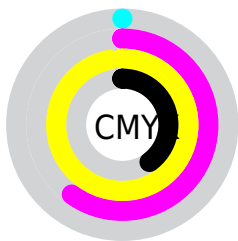
Blue (2%)



Red (60%)

Yellow (38%)

Blue (2%)

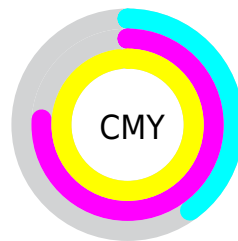


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (40%)



Cyan (40%)


Magenta (76%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2163, 0.5661, 0.3851 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 10.2163, 0.5661, 0.3851 by changing the saturation by 10% instead.


 10.2163, 0.5661,
0.3851


 10.2163, 0.5661,
0.3851


 192.2089, 0.4176,
0.3701


 5.5426, 0.6143,
0.3818

 26.2016, 0.5093,
0.3873


 2.5690, 0.6487,
0.3513

 38.2819, 0.4883,
0.3852


 0.9111, 0.7005,
0.2995

 53.5999, 0.4711,
0.3827

 0.0000, 1.0000,
0.0000


 72.5400, 0.4567,
0.3799


 0.0000, 0.0000,
0.0000


 95.4866, 0.4445,
0.3772


 122.8240, 0.4342,


0.3747


 154.9366, 0.4253,
0.3723

 10.2163, 0.5661,
0.3851


 10.2163, 0.5661,
0.3851

 9.9508, 0.5728,
0.3834

 11.3681, 0.5397,
0.3914

 12.7419, 0.5092,
0.3932

 14.3546, 0.4768,
0.3904

 16.2187, 0.4447,
0.3841

 18.3457, 0.4146,
0.3755

■ 20.7462, 0.3873,
0.3658

■ 23.4302, 0.3633,
0.3556

■ 26.4071, 0.3424,
0.3455

■ 29.6859, 0.3244,
0.3358

Harmonies

Analogous

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



10.2163, 0.5519, 0.3061



10.2163, 0.5661, 0.3851



10.2163, 0.5014, 0.4784

Triad

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



10.2163, 0.5661, 0.3851



10.2163, 0.1757, 0.4480



10.2163, 0.1890, 0.1498

Complementary

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



10.2163, 0.5661, 0.3851



10.9059, 0.1909, 0.2050

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.



10.2163, 0.1292, 0.1504



10.2163, 0.5661, 0.3851



10.2163, 0.1190, 0.2829

Square

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



10.2163, 0.5661, 0.3851



10.2163, 0.2773, 0.5801



10.2163, 0.1070, 0.1875



10.2163, 0.2971, 0.1788

Rectangle

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



10.2163, 0.5661, 0.3851



10.2163, 0.4324, 0.5412



10.2163, 0.1070, 0.1875



10.2163, 0.1642, 0.1466

Sweetspot

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



10.2169, 0.5661, 0.3851



41.4585, 0.3682, 0.3578



7.8579, 0.4342, 0.2184



8.9397, 0.3777, 0.3619



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.



10.2169, 0.5661, 0.3851



17.7270, 0.5762, 0.3807



23.9305, 0.4429, 0.4846



6.5883, 0.3274, 0.3375



8.1712, 0.5714, 0.3845



0.1889, 0.5011, 0.4403

Inverse Universe

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



10.9059, 0.1909, 0.2050



18.8765, 0.1885, 0.1986



3.0116, 0.1550, 0.0752



6.6318, 0.2989, 0.3203



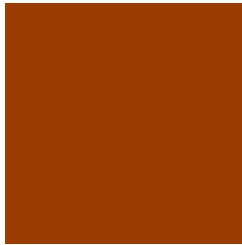
8.7084, 0.1896, 0.2024



0.2000, 0.2065, 0.2633

Previews

White Background



This preview shows how the Yxy color 10.2163, 0.5661, 0.3851 looks on a white background.

Color Contrast Check

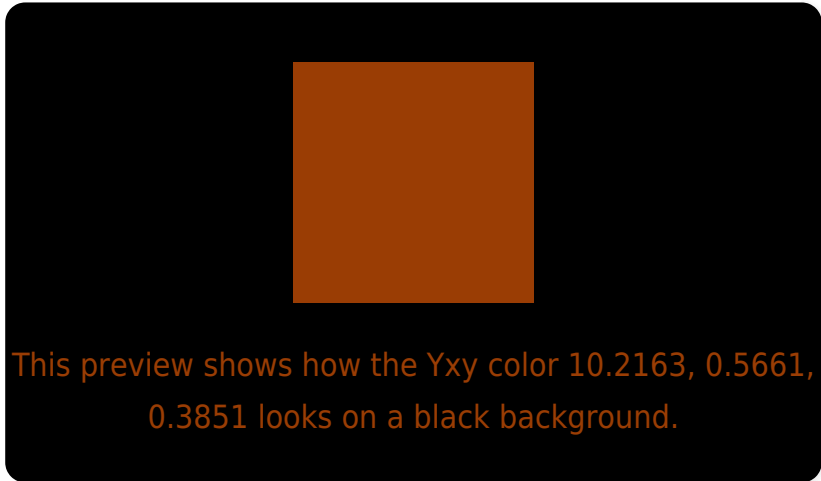
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.2163, 0.5661, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 10.2163, 0.5661, 0.3851.



This preview shows how white text looks on a background with the Yxy color 10.2163, 0.5661, 0.3851.

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

10.2163, 0.5661, 0.3851

Protanopia

10.3444, 0.4301, 0.4777

Deuteranopia

10.3004, 0.4697, 0.4653



Tritanopia

10.2211, 0.5025, 0.3252

Trichromacy



Original Color

10.2163, 0.5661, 0.3851

Protanomaly

9.8288, 0.4847, 0.4403

Deuteranomaly

9.9771, 0.5087, 0.4333

Tritanomaly

10.1479, 0.5368, 0.3534

Monochromacy



Original Color

10.2163, 0.5661, 0.3851

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

8.3520, 0.4177, 0.3752

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2163, 0.5661, 0.3851 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(154, 61, 4)` looks like.

```
.text, #text, p{  
    color:rgb(154, 61, 4)  
}
```

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(154, 61, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 61, 4) }
```

Border

The CSS property to change the border of an element to Yxy 10.2163, 0.5661, 0.3851 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(154, 61, 4) }
```

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

```
.border{ border-color:rgb(154, 61, 4) }
```

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

Here you see how a box with a 4 pixel rgb(154, 61, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 61, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 61, 4);  
box-shadow:4px 4px 4px 4px rgb(154, 61, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.2163, 0.5661, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 61, 4) }
```

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

```
.background{ background-color: rgb(154, 61,  
4) }
```

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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