

Converting Colors

$Y_{xy}(10.3183, 0.5299, 0.4086)$

Have a look what the booklet for
Yxy(10.3183, 0.5299, 0.4086)
contains.

Yxy(10.3172, 0.5295, 0.4092)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.3172, 0.5295, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	8D4809
RGB	141, 72, 9
RGB Percent	55%, 28%, 4%
CMY	0.4471, 0.7176, 0.9648
CMYK	0.00, 0.49, 0.94, 0.45
HSL	29°, 88%, 29%
HSV	29°, 94%, 55%
XYZ	13.3503, 10.3172, 1.5456
YIQ	85.4490, 61.3470, -4.9650

Conversions

Conversions Part 2

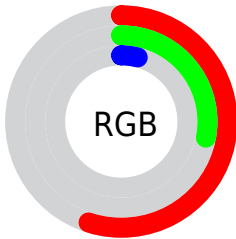
Format	Color
R_{YB}	141, 130, 9
Decimal	9259017
CIE Lab	38.41, 25.40, 45.38
CIE LCh	38, 52.004, 60.761
Yxy	10.3172, 0.5295, 0.4092
Android (android.graphics.Color)	4287449097 (0xFF8D4809)
YUV	85.4490, -37.6894, 48.7182
Hunter-Lab	32.1204, 17.9800, 19.6314

Details

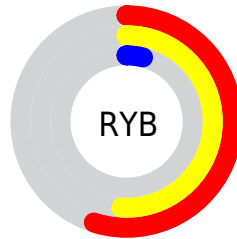
The Yxy color **10.3172, 0.5295, 0.4092** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **7.4245, 0.1851, 0.1798**, and the grayscale version is **9.2549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2803, 0.4809, 0.4016**, and **2.6236, 0.5798, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **9.7142, 0.5440, 0.4062**, and if you desaturate by 10%, it is **11.3708, 0.5058, 0.4119**.

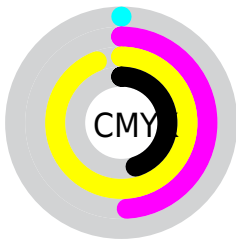
Distribution



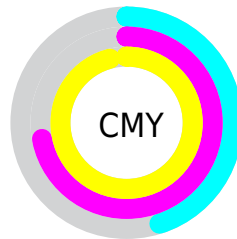
- Red (55%)
- Green (28%)
- Blue (4%)



- Red (55%)
- Yellow (51%)
- Blue (4%)



- Cyan (0%)
- Magenta (49%)
- Yellow (94%)
- Black (45%)





- Cyan (45%)
- Magenta (72%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3172, 0.5295, 0.4092 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 10.3172, 0.5295, 0.4092 by changing the saturation by 10% instead.


 10.3172, 0.5295,
0.4092


 10.3172, 0.5295,
0.4092


 192.9212, 0.4018,
0.3749


 5.6098, 0.5693,
0.4122

 26.3904, 0.4801,
0.4018


 2.6093, 0.6043,
0.3957

 38.5250, 0.4621,
0.3970


 0.9313, 0.6452,
0.3548

 53.9041, 0.4473,
0.3924

 0.0000, 1.0000,
0.0000


 72.9122, 0.4350,
0.3882


 0.0000, 0.0000,
0.0000


 95.9335, 0.4247,
0.3843


 123.3525, 0.4159,


0.3809

 155.5536, 0.4084,
0.3777


 10.3172, 0.5295,
0.4092


 10.3172, 0.5295,
0.4092


 9.7142, 0.5440,
0.4062

 11.3708, 0.5058,
0.4119

 12.5720, 0.4791,
0.4096

 13.9290, 0.4514,
0.4030

 15.4490, 0.4241,
0.3935

 17.1384, 0.3982,
0.3821

■ 19.0032, 0.3746,
0.3697

■ 21.0490, 0.3534,
0.3571

■ 23.2811, 0.3346,
0.3448

■ 25.7046, 0.3182,
0.3331

Harmonies

Analogous

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



10.3172, 0.5339, 0.3328



10.3172, 0.5295, 0.4092



10.3172, 0.4622, 0.4906

Triad

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



10.3172, 0.5295, 0.4092



10.3172, 0.1749, 0.3905



10.3172, 0.2256, 0.1719

Complementary

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



10.3172, 0.5295, 0.4092



7.4245, 0.1851, 0.1798

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.



10.3172, 0.1586, 0.1654



10.3172, 0.5295, 0.4092



10.3172, 0.1324, 0.2627

Square

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



10.3172, 0.5295, 0.4092



10.3172, 0.2596, 0.5206



10.3172, 0.1288, 0.1912



10.3172, 0.3331, 0.2062

Rectangle

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



10.3172, 0.5295, 0.4092



10.3172, 0.3986, 0.5362



10.3172, 0.1288, 0.1912



10.3172, 0.1986, 0.1665

Sweetspot

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



10.3178, 0.5295, 0.4092



35.8371, 0.3636, 0.3634



6.4273, 0.4634, 0.2382



7.6964, 0.3719, 0.3682



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



10.3178, 0.5295, 0.4092



17.0646, 0.5472, 0.4037



23.4577, 0.4228, 0.4979



5.8222, 0.3270, 0.3395



8.8898, 0.5434, 0.4067



0.1287, 0.4806, 0.4566

Inverse Universe

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



7.4245, 0.1851, 0.1798



11.7989, 0.1793, 0.1654



2.2785, 0.1549, 0.0696



5.6920, 0.2990, 0.3182



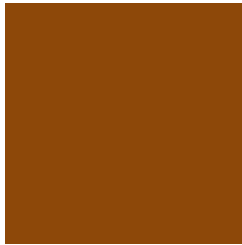
6.2122, 0.1804, 0.1695



0.1035, 0.2012, 0.2442

Previews

White Background



This preview shows how the Yxy color 10.3172, 0.5295, 0.4092 looks on a white background.

Color Contrast Check

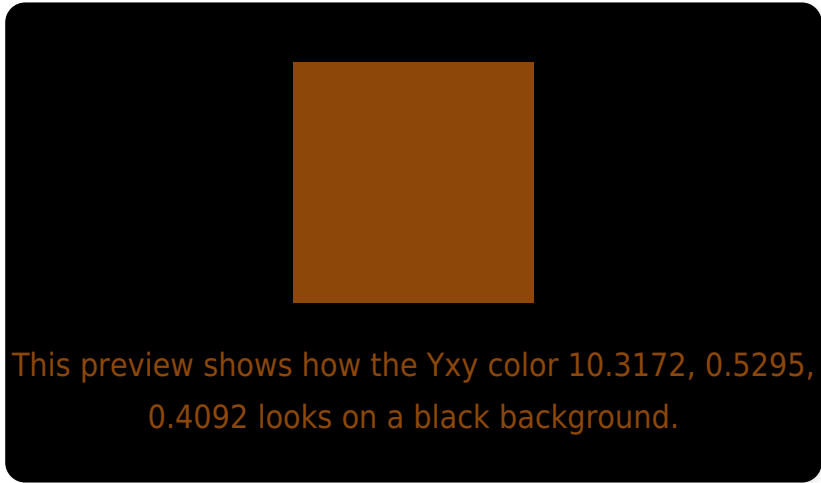
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3172, 0.5295, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 10.3172, 0.5295, 0.4092.



This preview shows how white text looks on a background with the Yxy color 10.3172, 0.5295, 0.4092.

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

10.3172, 0.5295, 0.4092

Protanopia

10.4002, 0.4325, 0.4774

Deuteranopia

10.3004, 0.4697, 0.4653



Tritanopia

10.3218, 0.4507, 0.3207

Trichromacy



Original Color

10.3172, 0.5295, 0.4092

Protanomaly

10.1516, 0.4699, 0.4509

Deuteranomaly

10.1765, 0.4921, 0.4443

Tritanomaly

10.2288, 0.4904, 0.3625

Monochromacy



Original Color

10.3172, 0.5295, 0.4092

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0360, 0.3999, 0.3831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3172, 0.5295, 0.4092 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(141, 72, 9)` looks like.

```
.text, #text, p{  
  color:rgb(141, 72, 9)  
}
```

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(141, 72, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 72, 9) }
```

Border

The CSS property to change the border of an element to Yxy 10.3172, 0.5295, 0.4092 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(141, 72, 9) }
```

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

```
.border{ border-color:rgb(141, 72, 9) }
```

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

Here you see how a box with a 4 pixel rgb(141, 72, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 72, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 72, 9);  
box-shadow:4px 4px 4px 4px rgb(141, 72, 9)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3172, 0.5295, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 72, 9) }
```

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

```
.background{ background-color: rgb(141, 72,  
9) }
```

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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