

Converting Colors

$Y_{xy}(11.2108, 0.5016, 0.4065)$

Have a look what the booklet for
Yxy(11.2108, 0.5016, 0.4065)
contains.

Yxy(11.2513, 0.5005, 0.4074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.2513, 0.5005, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	8C4F1C
RGB	140, 79, 28
RGB Percent	55%, 31%, 11%
CMY	0.4509, 0.6902, 0.8901
CMYK	0.00, 0.44, 0.80, 0.45
HSL	27°, 67%, 33%
HSV	27°, 80%, 55%
XYZ	13.8225, 11.2513, 2.5436
YIQ	91.4250, 52.7270, -2.9290

Conversions

Conversions Part 2

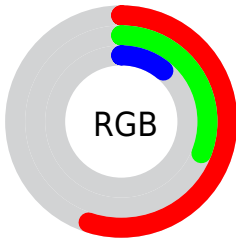
Format	Color
R_{YB}	140, 122, 28
Decimal	9195292
CIE Lab	40.00, 21.56, 39.38
CIE LCh	40, 44.893, 61.304
Yxy	11.2513, 0.5005, 0.4074
Android (android.graphics.Color)	4287385372 (0xFF8C4F1C)
YUV	91.4250, -31.2685, 42.6003
Hunter-Lab	33.5430, 14.8566, 18.9841

Details

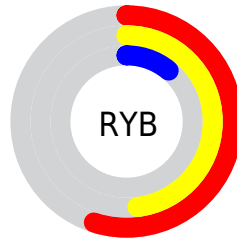
The Yxy color **11.2513, 0.5005, 0.4074** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.2930, 0.1987, 0.2101**, and the grayscale version is **10.6285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2281, 0.4554, 0.3962**, and **3.0190, 0.5597, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **10.1616, 0.5265, 0.4062**, and if you desaturate by 10%, it is **12.4997, 0.4722, 0.4039**.

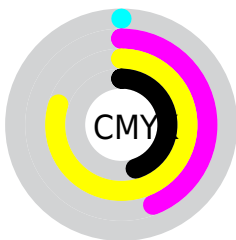
Distribution



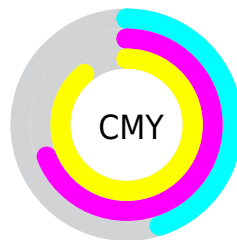
- Red (55%)
- Green (31%)
- Blue (11%)



- Red (55%)
- Yellow (48%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (80%)
- Black (45%)





- Cyan (45%)
- Magenta (69%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2513, 0.5005, 0.4074 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 11.2513, 0.5005, 0.4074 by changing the saturation by 10% instead.


 11.2513, 0.5005,
0.4074

 11.2513, 0.5005,
0.4074


199.3836, 0.3887,
0.3697


 6.2361, 0.5322,
0.4109


 28.1239, 0.4560,
0.3963


 2.9892, 0.5841,
0.4159

 40.7502, 0.4403,
0.3910


 1.1261, 0.6170,
0.3830

 56.6822, 0.4276,
0.3863

 0.0001, 0.9999,
0.0001

 76.3045, 0.4170,
0.3821

 0.0000, 0.0000,
0.0000

 100.0014, 0.4082,
0.3784

 128.1573, 0.4007,

0.3751

161.1565, 0.3943,
0.3722

11.2513, 0.5005,
0.4074

11.2513, 0.5005,
0.4074

10.1616, 0.5265,
0.4062

12.4997, 0.4722,
0.4039

9.2140, 0.5503,
0.4012

13.9129, 0.4435,
0.3966

9.2122, 0.5503,
0.4012

15.4987, 0.4158,
0.3867

17.2637, 0.3902,
0.3754

19.2141, 0.3670,
0.3635

■ 21.3557, 0.3464,
0.3515

■ 23.6941, 0.3284,
0.3399

■ 26.2346, 0.3127,
0.3290

■ 28.9822, 0.2990,
0.3188

Harmonies

Analogous

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



11.2513, 0.5007, 0.3385



11.2513, 0.5005, 0.4074



11.2513, 0.4457, 0.4750

Triad

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



11.2513, 0.5005, 0.4074



11.2513, 0.1945, 0.3793



11.2513, 0.2400, 0.1914

Complementary

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



11.2513, 0.5005, 0.4074



9.2930, 0.1987, 0.2101

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.



11.2513, 0.1788, 0.1857



11.2513, 0.5005, 0.4074



11.2513, 0.1550, 0.2740

Square

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



11.2513, 0.5005, 0.4074



11.2513, 0.2695, 0.4837



11.2513, 0.1509, 0.2103



11.2513, 0.3332, 0.2228

Rectangle

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



11.2513, 0.5005, 0.4074



11.2513, 0.3914, 0.5079



11.2513, 0.1509, 0.2103



11.2513, 0.2157, 0.1865

Sweetspot

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



11.2519, 0.5005, 0.4074



35.8942, 0.3554, 0.3569



7.1400, 0.4286, 0.2343



7.9979, 0.3620, 0.3607



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.



11.2519, 0.5005, 0.4074



16.5572, 0.5447, 0.4015



22.8245, 0.4180, 0.4866



5.3991, 0.3270, 0.3390



8.2228, 0.5495, 0.4019



0.0833, 0.4846, 0.4534

Inverse Universe

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



9.2930, 0.1987, 0.2101



12.8764, 0.1841, 0.1799



3.2640, 0.1690, 0.0955



5.3142, 0.2991, 0.3188



6.3493, 0.1826, 0.1773



0.0715, 0.2026, 0.2493

Previews

White Background



This preview shows how the Yxy color 11.2513, 0.5005, 0.4074 looks on a white background.

Color Contrast Check

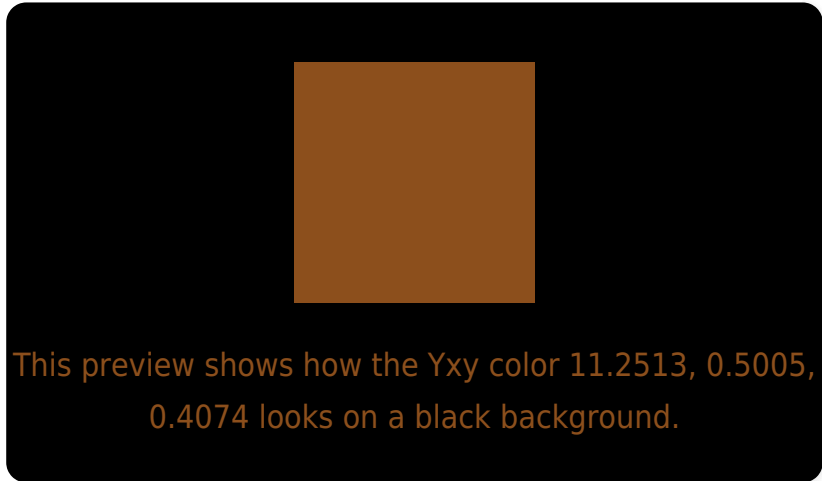
Large Text (above 18pt) WCAG AA ✓ Pass

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

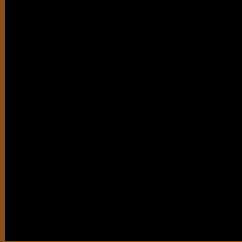
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2513, 0.5005, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 11.2513, 0.5005, 0.4074.



This preview shows how white text looks on a background with the Yxy color 11.2513, 0.5005, 0.4074.

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

11.2513, 0.5005, 0.4074

Protanopia

11.3529, 0.4175, 0.4603

Deuteranopia

11.3002, 0.4540, 0.4489



Tritanopia

11.3017, 0.4306, 0.3205

Trichromacy



Original Color

11.2513, 0.5005, 0.4074

Protanomaly

11.0952, 0.4475, 0.4398

Deuteranomaly

11.2378, 0.4725, 0.4333

Tritanomaly

11.2459, 0.4624, 0.3572

Monochromacy



Original Color

11.2513, 0.5005, 0.4074

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.4850, 0.3819, 0.3722

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2513, 0.5005, 0.4074 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(140, 79, 28)` looks like.

```
.text, #text, p{  
  color:rgb(140, 79, 28)  
}
```

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(140, 79, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 79, 28) }
```

Border

The CSS property to change the border of an element to Yxy 11.2513, 0.5005, 0.4074 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(140, 79, 28) }
```

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

```
.border{ border-color:rgb(140, 79, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 79, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 79, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 79, 28);  
box-shadow:4px 4px 4px 4px rgb(140, 79,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2513, 0.5005, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 79, 28) }
```

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

```
.background{ background-color: rgb(140, 79,  
28) }
```

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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