

Converting Colors

$Y_{xy}(10.7290, 0.4993, 0.3929)$

Have a look what the booklet for
Yxy(10.7290, 0.4993, 0.3929)
contains.

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Color

Yxy(10.7290, 0.4993, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	8C4B23
RGB	140, 75, 35
RGB Percent	55%, 29%, 14%
CMY	0.4510, 0.7059, 0.8627
CMYK	0.00, 0.46, 0.75, 0.45
HSL	23°, 60%, 34%
HSV	23°, 75%, 55%
XYZ	13.6345, 10.7290, 2.9437
YIQ	89.8750, 51.5800, 1.3400

Conversions

Conversions Part 2

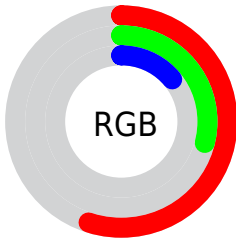
Format	Color
R _Y B	140, 100, 35
Decimal	9194275
CIE Lab	39.12, 24.15, 35.01
CIE LCh	39, 42.532, 55.398
Yxy	10.7290, 0.4993, 0.3929
Android (android.graphics.Color)	4287384355 (0xFF8C4B23)
YUV	89.8750, -27.0534, 43.9596
Hunter-Lab	32.7552, 16.9799, 17.6002

Details

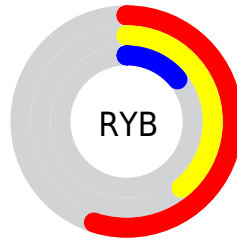
The Yxy color **10.7290, 0.4993, 0.3929** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.3669, 0.2088, 0.2377**, and the grayscale version is **10.2488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2822, 0.4529, 0.3844**, and **2.8100, 0.5720, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **9.5655, 0.5303, 0.3927**, and if you desaturate by 10%, it is **12.0870, 0.4670, 0.3889**.

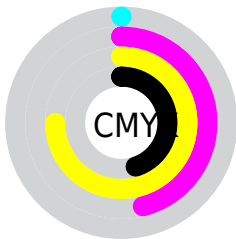
Distribution



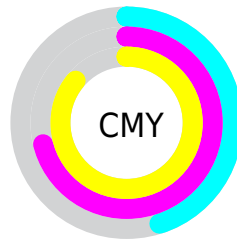
- Red (55%)
- Green (29%)
- Blue (14%)



- Red (55%)
- Yellow (39%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (75%)
- Black (45%)




- Cyan (45%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7290, 0.4993, 0.3929 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 10.7290, 0.4993, 0.3929 by changing the saturation by 10% instead.


 10.7290, 0.4993,
0.3929


 10.7290, 0.4993,
0.3929


195.7988, 0.3862,
0.3626


 5.8849, 0.5334,
0.3950

 27.1579, 0.4532,
0.3842


 2.7752, 0.5971,
0.4029

 39.5116, 0.4373,
0.3800


 1.0155, 0.6349,
0.3651

 55.1372, 0.4245,
0.3762

 0.0000, 1.0000,
0.0000

 74.4192, 0.4140,
0.3728


 0.0000, 0.0000,
0.0000


 97.7420, 0.4053,
0.3698


 125.4899, 0.3979,

0.3671


 158.0474, 0.3916,
0.3647

 10.7290, 0.4993,
0.3929


 10.7290, 0.4993,
0.3929


 9.5655, 0.5303,
0.3927


 12.0870, 0.4670,
0.3889

 8.5837, 0.5578,
0.3877

 13.6475, 0.4357,
0.3819

 8.1512, 0.5712,
0.3847

 15.4199, 0.4066,
0.3730

 17.4124, 0.3804,
0.3631

 19.6327, 0.3574,
0.3529

■ 22.0882, 0.3375,
0.3430

■ 24.7858, 0.3203,
0.3335

■ 27.7324, 0.3056,
0.3246

■ 30.9341, 0.2930,
0.3164

Harmonies

Analogous

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



10.7290, 0.4862, 0.3263



10.7290, 0.4993, 0.3929



10.7290, 0.4557, 0.4593

Triad

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



10.7290, 0.4993, 0.3929



10.7290, 0.2106, 0.3996



10.7290, 0.2281, 0.1922

Complementary

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



10.7290, 0.4993, 0.3929



11.3669, 0.2088, 0.2377

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.



10.7290, 0.1749, 0.1922



10.7290, 0.4993, 0.3929



10.7290, 0.1645, 0.2938

Square

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



10.7290, 0.4993, 0.3929



10.7290, 0.2887, 0.4900



10.7290, 0.1538, 0.2233



10.7290, 0.3132, 0.2182

Rectangle

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



10.7290, 0.4993, 0.3929



10.7290, 0.4063, 0.4947



10.7290, 0.1538, 0.2233



10.7290, 0.2067, 0.1892

Sweetspot

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



10.7296, 0.4993, 0.3929



35.6679, 0.3521, 0.3504



7.7278, 0.3971, 0.2225



7.9926, 0.3571, 0.3528



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.



10.7296, 0.4993, 0.3929



15.6366, 0.5497, 0.3897



20.6181, 0.4243, 0.4709



5.3406, 0.3272, 0.3374



7.2791, 0.5703, 0.3854



0.0751, 0.4995, 0.4416

Inverse Universe

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



11.3669, 0.2088, 0.2377



16.6571, 0.1947, 0.2135



4.4489, 0.1798, 0.1226



5.3739, 0.2991, 0.3205



7.7307, 0.1897, 0.2028



0.0797, 0.2070, 0.2653

Previews

White Background



This preview shows how the Yxy color 10.7290, 0.4993, 0.3929 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



This preview shows how the Yxy color 10.7290, 0.4993, 0.3929 looks on a 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 10.7290, 0.4993, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 10.7290, 0.4993, 0.3929.



This preview shows how white text looks on a background with the Yxy color 10.7290, 0.4993, 0.3929.

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

10.7290, 0.4993, 0.3929

Protanopia

10.8655, 0.4064, 0.4464

Deuteranopia

10.7914, 0.4459, 0.4399



Tritanopia

10.7791, 0.4374, 0.3205

Trichromacy



Original Color

10.7290, 0.4993, 0.3929

Protanomaly

10.5085, 0.4409, 0.4258

Deuteranomaly

10.6508, 0.4676, 0.4216

Tritanomaly

10.6344, 0.4637, 0.3487

Monochromacy



Original Color

10.7290, 0.4993, 0.3929

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.1273, 0.3783, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7290, 0.4993, 0.3929 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, 75, 35)` looks like.

```
.text, #text, p{  
    color:rgb(140, 75, 35)  
}
```

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, 75, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 75, 35) }
```

Border

The CSS property to change the border of an element to Yxy 10.7290, 0.4993, 0.3929 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, 75, 35) }
```

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

```
.border{ border-color:rgb(140, 75, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 75, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 75, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 75, 35);  
box-shadow:4px 4px 4px 4px rgb(140, 75,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7290, 0.4993, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 75, 35) }
```

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

```
.background{ background-color: rgb(140, 75,  
35) }
```

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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