

Converting Colors

$Y_{xy}(25.7373, 0.4933, 0.4294)$

Have a look what the booklet for
Yxy(25.7373, 0.4933, 0.4294)
contains.

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Color

Yxy(25.7290, 0.4933, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	C27B1E
RGB	194, 123, 30
RGB Percent	76%, 48%, 12%
CMY	0.2392, 0.5176, 0.8822
CMYK	0.00, 0.37, 0.85, 0.24
HSL	34°, 73%, 44%
HSV	34°, 85%, 76%
XYZ	29.5647, 25.7290, 4.6388
YIQ	133.6270, 72.1690, -13.8710

Conversions

Conversions Part 2

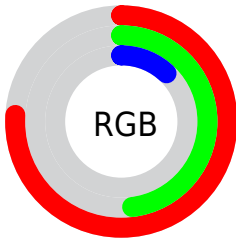
Format	Color
RYB	155, 194, 30
Decimal	12745502
CIELab	57.78, 20.77, 57.35
CIElCh	58, 60.997, 70.097
Yxy	25.7290, 0.4933, 0.4293
Android (android.graphics.Color)	4290935582 (0xFFC27B1E)
YUV	133.6270, -51.0881, 52.9471
Hunter-Lab	50.7238, 15.2733, 30.0845

Details

The Yxy color **25.7290, 0.4933, 0.4293** is a dark color, and the websafe version is hex **996600**. The color can be described as dark washed orange. A complement of this color would be **13.4839, 0.1837, 0.1659**, and the grayscale version is **23.8697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9508, 0.4601, 0.4174**, and **10.0485, 0.5233, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **23.6643, 0.5122, 0.4269**, and if you desaturate by 10%, it is **28.0362, 0.4712, 0.4264**.

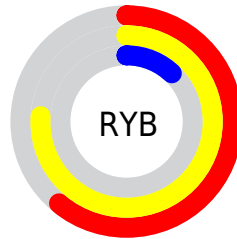
Distribution



Red (76%)

Green (48%)

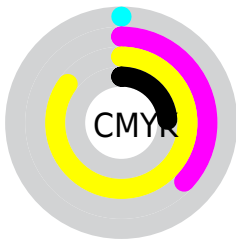
Blue (12%)



Red (61%)

Yellow (76%)

Blue (12%)

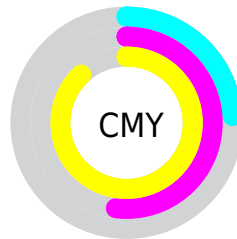


Cyan (0%)

Magenta (37%)

Yellow (85%)

Black (24%)



Cyan (24%)


Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7290, 0.4933, 0.4293 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 25.7290, 0.4933, 0.4293 by changing the saturation by 10% instead.


 25.7290, 0.4933,
0.4293

 25.7290, 0.4933,
0.4293


281.4492, 0.4007,
0.3864


 16.6210, 0.5137,
0.4344


 52.8374, 0.4608,
0.4172

 9.9647, 0.5383,
0.4378


 71.6067, 0.4481,
0.4114


 5.3755, 0.5652,
0.4348

 94.3651, 0.4372,
0.4061

 2.4692, 0.5864,
0.4136

 121.4972, 0.4278,
0.4014

 0.8612, 0.6231,
0.3769

 153.3872, 0.4196,
0.3970

 0.0000, 1.0000,
0.0000

 190.4196, 0.4125,

 0.0000, 0.0000,

0.3931

0.0000

232.9788, 0.4062,
0.3896

25.7290, 0.4933,
0.4293

25.7290, 0.4933,
0.4293

23.6643, 0.5122,
0.4269

28.0362, 0.4712,
0.4264

22.6206, 0.5216,
0.4241

30.5958, 0.4472,
0.4188

33.4214, 0.4226,
0.4077

36.5239, 0.3986,
0.3943

39.9135, 0.3760,
0.3795

■ 43.5994, 0.3552,
0.3644

■ 47.5907, 0.3364,
0.3495

■ 51.8955, 0.3196,
0.3352

■ 56.5220, 0.3048,
0.3217

Harmonies

Analogous

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



25.7290, 0.5132, 0.3581



25.7290, 0.4933, 0.4293



25.7290, 0.4251, 0.4955

Triad

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



25.7290, 0.4933, 0.4293



25.7290, 0.1753, 0.3455



25.7290, 0.2629, 0.1950

Complementary

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



25.7290, 0.4933, 0.4293



13.4839, 0.1837, 0.1659

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.



25.7290, 0.1900, 0.1811



25.7290, 0.4933, 0.4293



25.7290, 0.1465, 0.2480

Square

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



25.7290, 0.4933, 0.4293



25.7290, 0.2422, 0.4627



25.7290, 0.1521, 0.1960



25.7290, 0.3655, 0.2338

Rectangle

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



25.7290, 0.4933, 0.4293



25.7290, 0.3655, 0.5209



25.7290, 0.1521, 0.1960



25.7290, 0.2346, 0.1874

Sweetspot

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



25.7303, 0.4933, 0.4293



78.3862, 0.3569, 0.3658



13.3404, 0.4821, 0.2566



16.6316, 0.3642, 0.3712



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.7303, 0.4933, 0.4293



40.4691, 0.5236, 0.4225



48.7496, 0.4053, 0.5057



11.0044, 0.3275, 0.3421



15.0391, 0.5198, 0.4254



0.7847, 0.4916, 0.4478

Inverse Universe

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



13.4839, 0.1837, 0.1659



18.0586, 0.1702, 0.1328



5.2962, 0.1637, 0.0780



10.4492, 0.2984, 0.3156



6.8858, 0.1717, 0.1380



0.4343, 0.1840, 0.1822

Previews

White Background



This preview shows how the Yxy color 25.7290, 0.4933, 0.4293 looks on a white background.

Color Contrast Check

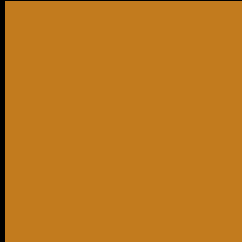
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 25.7290, 0.4933, 0.4293 looks on a black 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

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

Yxy 25.7290, 0.4933, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 25.7290, 0.4933, 0.4293.



This preview shows how white text looks on a background with the Yxy color 25.7290, 0.4933, 0.4293.

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

25.7290, 0.4933, 0.4293

Protanopia

25.9396, 0.4281, 0.4750

Deuteranopia

25.8028, 0.4648, 0.4555



Tritanopia

25.8336, 0.4103, 0.3187

Trichromacy



Original Color

25.7290, 0.4933, 0.4293

Protanomaly

25.7060, 0.4520, 0.4578

Deuteranomaly

25.8469, 0.4755, 0.4457

Tritanomaly

25.5485, 0.4499, 0.3671

Monochromacy



Original Color

25.7290, 0.4933, 0.4293

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.8777, 0.3833, 0.3845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7290, 0.4933, 0.4293 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(194, 123, 30)` looks like.

```
.text, #text, p{  
    color:rgb(194, 123, 30)  
}
```

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(194, 123, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 123, 30) }
```

Border

The CSS property to change the border of an element to Yxy 25.7290, 0.4933, 0.4293 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(194, 123, 30) }
```

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

```
.border{ border-color:rgb(194, 123, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 123, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 123, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 123, 30);  
box-shadow:4px 4px 4px 4px rgb(194, 123,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7290, 0.4933, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 123, 30) }
```

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

```
.background{ background-color: rgb(194,  
123, 30) }
```

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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