

Converting Colors

$Y_{xy}(25.4570, 0.4792, 0.4191)$

Have a look what the booklet for
Yxy(25.4570, 0.4792, 0.4191)
contains.

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Color

Yxy(25.4557, 0.4792, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	BF7B30
RGB	191, 123, 48
RGB Percent	75%, 48%, 19%
CMY	0.2509, 0.5177, 0.8117
CMYK	0.00, 0.36, 0.75, 0.25
HSL	31°, 60%, 47%
HSV	31°, 75%, 75%
XYZ	29.1061, 25.4557, 6.1772
YIQ	134.7820, 64.6030, -8.9090

Conversions

Conversions Part 2

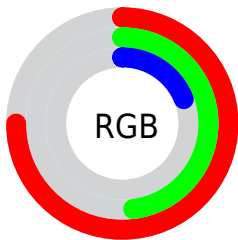
Format	Color
R_{YB}	178, 191, 48
Decimal	12548912
CIE _{Lab}	57.52, 20.13, 49.90
CIE _{LCh}	58, 53.813, 68.028
Yxy	25.4557, 0.4792, 0.4191
Android (android.graphics.Color)	4290738992 (0xFFBF7B30)
YUV	134.7820, -42.7835, 49.3032
Hunter-Lab	50.4536, 14.6807, 28.0585

Details

The Yxy color **25.4557, 0.4792, 0.4191** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **16.8910, 0.1975, 0.1977**, and the grayscale version is **24.2884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4608, 0.4465, 0.4069**, and **9.8031, 0.5195, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **23.1811, 0.5033, 0.4209**, and if you desaturate by 10%, it is **28.0101, 0.4532, 0.4126**.

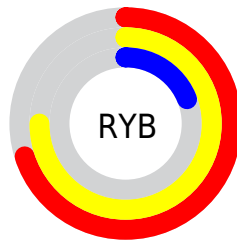
Distribution



Red (75%)

Green (48%)

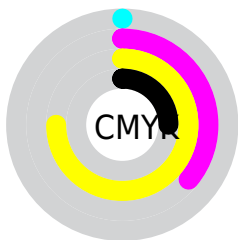
Blue (19%)



Red (70%)

Yellow (75%)

Blue (19%)

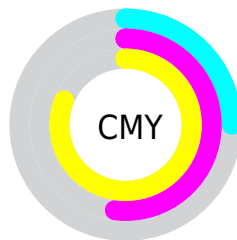


Cyan (0%)

Magenta (36%)

Yellow (75%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4557, 0.4792, 0.4191 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 25.4557, 0.4792, 0.4191 by changing the saturation by 10% instead.


 25.4557, 0.4792,
0.4191


 25.4557, 0.4792,
0.4191


280.0998, 0.3916,
0.3786


 16.4169, 0.5001,
0.4253


 52.3955, 0.4475,
0.4067


 9.8196, 0.5250,
0.4297


 71.0654, 0.4354,
0.4013

 5.2795, 0.5634,
0.4366

 93.7143, 0.4252,
0.3964

 2.4122, 0.5843,
0.4157

 120.7268, 0.4164,
0.3920

 0.8322, 0.6211,
0.3789

 152.4872, 0.4089,
0.3881

 0.0000, 1.0000,
0.0000

 189.3799, 0.4024,

 0.0000, 0.0000,

0.3846

0.0000

231.7893, 0.3967,
0.3814

■ 25.4557, 0.4792,
0.4191

■ 25.4557, 0.4792,
0.4191

■ 23.1811, 0.5033,
0.4209

■ 28.0101, 0.4532,
0.4126

■ 21.1673, 0.5241,
0.4174

■ 30.8535, 0.4269,
0.4025

■ 20.2229, 0.5339,
0.4143

■ 33.9992, 0.4015,
0.3900

■ 37.4583, 0.3779,
0.3764

■ 41.2410, 0.3564,
0.3623

■ 45.3572, 0.3372,
0.3485

■ 49.8159, 0.3202,
0.3352

■ 54.6262, 0.3053,
0.3227

■ 59.7963, 0.2923,
0.3111

Harmonies

Analogous

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



25.4557, 0.4906, 0.3541



25.4557, 0.4792, 0.4191



25.4557, 0.4219, 0.4770

Triad

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



25.4557, 0.4792, 0.4191



25.4557, 0.1926, 0.3520



25.4557, 0.2631, 0.2054

Complementary

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



25.4557, 0.4792, 0.4191



16.8910, 0.1975, 0.1977

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.



25.4557, 0.1984, 0.1946



25.4557, 0.4792, 0.4191



25.4557, 0.1624, 0.2629

Square

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



25.4557, 0.4792, 0.4191



25.4557, 0.2565, 0.4512



25.4557, 0.1651, 0.2115



25.4557, 0.3536, 0.2399

Rectangle

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



25.4557, 0.4792, 0.4191



25.4557, 0.3691, 0.4983



25.4557, 0.1651, 0.2115



25.4557, 0.2381, 0.1990

Sweetspot

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



25.4570, 0.4792, 0.4191



75.6439, 0.3514, 0.3588



14.4815, 0.4400, 0.2473



16.1806, 0.3569, 0.3626



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.4570, 0.4792, 0.4191



39.0916, 0.5174, 0.4192



48.2554, 0.4075, 0.4908



10.3418, 0.3276, 0.3410



13.4497, 0.5319, 0.4158



0.6570, 0.4980, 0.4428

Inverse Universe

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



16.8910, 0.1975, 0.1977



23.0733, 0.1810, 0.1651



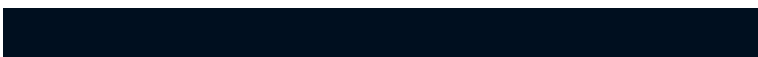
6.5659, 0.1727, 0.0961



9.9538, 0.2984, 0.3167



7.5321, 0.1755, 0.1518



0.4261, 0.1881, 0.1970

Previews

White Background



This preview shows how the Yxy color 25.4557, 0.4792, 0.4191 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 25.4557, 0.4792, 0.4191 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 25.4557, 0.4792, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 25.4557, 0.4792, 0.4191.



This preview shows how white text looks on a background with the Yxy color 25.4557, 0.4792, 0.4191.

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

25.4557, 0.4792, 0.4191

Protanopia

25.6817, 0.4171, 0.4584

Deuteranopia

25.5762, 0.4508, 0.4441



Tritanopia

25.3188, 0.4042, 0.3171

Trichromacy



Original Color

25.4557, 0.4792, 0.4191

Protanomaly

25.3389, 0.4396, 0.4432

Deuteranomaly

25.6011, 0.4615, 0.4349

Tritanomaly

25.2707, 0.4379, 0.3588

Monochromacy



Original Color

25.4557, 0.4792, 0.4191

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1804, 0.3734, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4557, 0.4792, 0.4191 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(191, 123, 48)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 48)  
}
```

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(191, 123, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 48) }
```

Border

The CSS property to change the border of an element to Yxy 25.4557, 0.4792, 0.4191 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(191, 123, 48) }
```

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

```
.border{ border-color:rgb(191, 123, 48) }
```

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

Here you see how a box with a 4 pixel rgb(191, 123, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 123, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 123, 48);  
box-shadow:4px 4px 4px 4px rgb(191, 123,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4557, 0.4792, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 48) }
```

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

```
.background{ background-color: rgb(191,  
123, 48) }
```

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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