

Converting Colors

$Y_{xy}(26.0622, 0.4741, 0.4203)$

Have a look what the booklet for
Yxy(26.0622, 0.4741, 0.4203)
contains.

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Color

Yxy(25.9739, 0.4753, 0.4199)

Conversions

Conversions Part 1

Format	Color
Hex	BF7D32
RGB	191, 125, 50
RGB Percent	75%, 49%, 20%
CMY	0.2509, 0.5098, 0.8039
CMYK	0.00, 0.35, 0.74, 0.25
HSL	32°, 59%, 47%
HSV	32°, 74%, 75%
XYZ	29.4008, 25.9739, 6.4826
YIQ	136.1840, 63.4110, -9.3330

Conversions

Conversions Part 2

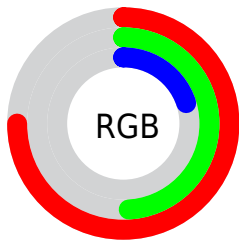
Format	Color
RYB	174, 191, 50
Decimal	12549426
CIELab	58.01, 19.13, 49.51
CIElCh	58, 53.080, 68.872
Yxy	25.9739, 0.4753, 0.4199
Android (android.graphics.Color)	4290739506 (0xFFBF7D32)
YUV	136.1840, -42.4887, 48.0736
Hunter-Lab	50.9646, 13.7862, 28.1336

Details

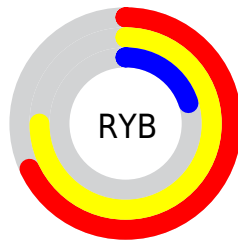
The Yxy color **25.9739, 0.4753, 0.4199** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **16.9437, 0.1983, 0.1979**, and the grayscale version is **24.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2896, 0.4436, 0.4072**, and **10.1554, 0.5166, 0.4280** is the 20% darker color. If you saturate the color by 10%, you get **23.6795, 0.4993, 0.4224**, and if you desaturate by 10%, it is **28.5437, 0.4496, 0.4128**.

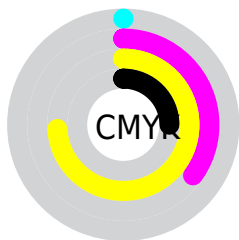
Distribution



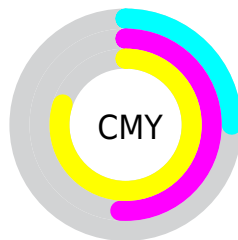
- Red (75%)
- Green (49%)
- Blue (20%)



- Red (68%)
- Yellow (75%)
- Blue (20%)



- Cyan (0%)
- Magenta (35%)
- Yellow (74%)
- Black (25%)



- Cyan (25%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9739, 0.4753, 0.4199 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 25.9739, 0.4753, 0.4199 by changing the saturation by 10% instead.


 25.9739, 0.4753,
0.4199


 25.9739, 0.4753,
0.4199


282.6539, 0.3899,
0.3787


 16.8041, 0.4957,
0.4265


 53.2328, 0.4444,
0.4071


 10.0949, 0.5200,
0.4317


 72.0908, 0.4326,
0.4015


 5.4619, 0.5591,
0.4409

 94.9469, 0.4227,
0.3965

 2.5208, 0.5786,
0.4214

 122.1856, 0.4142,
0.3921

 0.8870, 0.6126,
0.3874

 154.1912, 0.4068,
0.3882

 0.0000, 1.0000,
0.0000

 191.3483, 0.4004,

 0.0000, 0.0000,

0.3846

0.0000

234.0410, 0.3949,
0.3815

■ 25.9739, 0.4753,
0.4199

■ 25.9739, 0.4753,
0.4199

■ 23.6795, 0.4993,
0.4224

■ 28.5437, 0.4496,
0.4128

■ 21.6421, 0.5202,
0.4196

■ 31.3978, 0.4236,
0.4022

■ 20.4983, 0.5317,
0.4160

■ 34.5491, 0.3986,
0.3894

■ 38.0082, 0.3754,
0.3755

■ 41.7852, 0.3542,
0.3613

■ 45.8896, 0.3353,
0.3473

■ 50.3303, 0.3186,
0.3339

■ 55.1159, 0.3039,
0.3213

■ 60.2546, 0.2910,
0.3097

Harmonies

Analogous

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



25.9739, 0.4876, 0.3560



25.9739, 0.4753, 0.4199



25.9739, 0.4183, 0.4758

Triad

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



25.9739, 0.4753, 0.4199



25.9739, 0.1934, 0.3488



25.9739, 0.2664, 0.2080

Complementary

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



25.9739, 0.4753, 0.4199



16.9437, 0.1983, 0.1979

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.



25.9739, 0.2017, 0.1967



25.9739, 0.4753, 0.4199



25.9739, 0.1645, 0.2624

Square

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



25.9739, 0.4753, 0.4199



25.9739, 0.2556, 0.4460



25.9739, 0.1679, 0.2127



25.9739, 0.3556, 0.2427

Rectangle

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



25.9739, 0.4753, 0.4199



25.9739, 0.3662, 0.4953



25.9739, 0.1679, 0.2127



25.9739, 0.2415, 0.2015

Sweetspot

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



25.9752, 0.4753, 0.4199



75.8567, 0.3513, 0.3592



14.6744, 0.4374, 0.2477



16.2321, 0.3568, 0.3631



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.



25.9752, 0.4753, 0.4199



39.9424, 0.5135, 0.4212



48.2821, 0.4068, 0.4895



10.3535, 0.3275, 0.3412



13.6294, 0.5298, 0.4175



0.6638, 0.4965, 0.4439

Inverse Universe

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



16.9437, 0.1983, 0.1979



23.0185, 0.1812, 0.1647



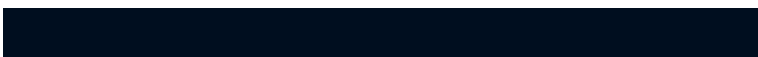
6.7849, 0.1743, 0.0987



9.9421, 0.2984, 0.3165



7.3748, 0.1748, 0.1494



0.4199, 0.1875, 0.1951

Previews

White Background



This preview shows how the Yxy color 25.9739, 0.4753, 0.4199 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 25.9739, 0.4753, 0.4199 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 25.9739, 0.4753, 0.4199

Background



This preview shows how black text looks on a background with the Yxy color 25.9739, 0.4753, 0.4199.



This preview shows how white text looks on a background with the Yxy color 25.9739, 0.4753, 0.4199.

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

25.9739, 0.4753, 0.4199

Protanopia

26.0904, 0.4159, 0.4568

Deuteranopia

26.1024, 0.4498, 0.4414



Tritanopia

25.9647, 0.4017, 0.3171

Trichromacy



Original Color

25.9739, 0.4753, 0.4199

Protanomaly

26.0200, 0.4371, 0.4431

Deuteranomaly

26.0108, 0.4593, 0.4330

Tritanomaly

25.7841, 0.4339, 0.3589

Monochromacy



Original Color

25.9739, 0.4753, 0.4199

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5904, 0.3718, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9739, 0.4753, 0.4199 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, 125, 50)` looks like.

```
.text, #text, p{  
    color:rgb(191, 125, 50)  
}
```

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, 125, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 125, 50) }
```

Border

The CSS property to change the border of an element to Yxy 25.9739, 0.4753, 0.4199 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, 125, 50) }
```

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

```
.border{ border-color:rgb(191, 125, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 125, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 125, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 125, 50);  
box-shadow:4px 4px 4px 4px rgb(191, 125,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9739, 0.4753, 0.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 125, 50) }
```

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

```
.background{ background-color: rgb(191,  
125, 50) }
```

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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