

Converting Colors

$Y_{xy}(24.3814, 0.4919, 0.4124)$

Have a look what the booklet for
Yxy(24.3814, 0.4919, 0.4124)
contains.

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Color

Yxy(24.3814, 0.4919, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	C2752D
RGB	194, 117, 45
RGB Percent	76%, 46%, 18%
CMY	0.2393, 0.5411, 0.8234
CMYK	0.00, 0.40, 0.77, 0.24
HSL	29°, 62%, 47%
HSV	29°, 77%, 76%
XYZ	29.0815, 24.3814, 5.6579
YIQ	131.8150, 69.0040, -6.0680

Conversions

Conversions Part 2

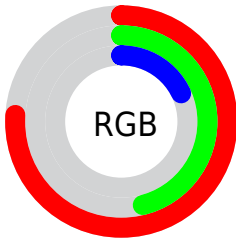
Format	Color
RYB	194, 184, 45
Decimal	12743981
CIELab	56.47, 24.56, 50.31
CIELCh	56, 55.987, 63.979
Yxy	24.3814, 0.4919, 0.4124
Android (android.graphics.Color)	4290934061 (0xFFC2752D)
YUV	131.8150, -42.7998, 54.5362
Hunter-Lab	49.3775, 18.7191, 27.7706

Details

The Yxy color **24.3814, 0.4919, 0.4124** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **18.3720, 0.1980, 0.2046**, and the grayscale version is **23.1444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4622, 0.4581, 0.4021**, and **9.2851, 0.5359, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **22.0534, 0.5176, 0.4123**, and if you desaturate by 10%, it is **27.0307, 0.4641, 0.4076**.

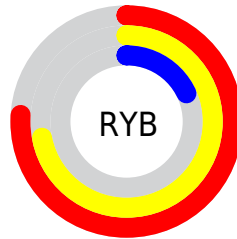
Distribution



Red (76%)

Green (46%)

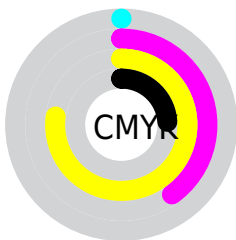
Blue (18%)



Red (76%)

Yellow (72%)

Blue (18%)

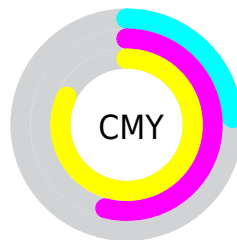


Cyan (0%)

Magenta (40%)

Yellow (77%)

Black (24%)



Cyan (24%)


Magenta (54%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3814, 0.4919, 0.4124 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 24.3814, 0.4919, 0.4124 by changing the saturation by 10% instead.


 24.3814, 0.4919,
0.4124


 24.3814, 0.4919,
0.4124


274.7431, 0.3970,
0.3766


 15.6168, 0.5146,
0.4167


 50.6519, 0.4574,
0.4022


 9.2534, 0.5419,
0.4184


 68.9265, 0.4443,
0.3974


 4.9068, 0.5810,
0.4190

 91.1400, 0.4332,
0.3930

 2.1927, 0.6069,
0.3931

 117.6766, 0.4238,
0.3890

 0.7160, 0.6552,
0.3448

 148.9209, 0.4157,
0.3854

 0.0000, 1.0000,
0.0000

 185.2571, 0.4086,

 0.0000, 0.0000,

0.3822

0.0000

227.0697, 0.4024,
0.3793

■ 24.3814, 0.4919,
0.4124

■ 24.3814, 0.4919,
0.4124

■ 22.0534, 0.5176,
0.4123

■ 27.0307, 0.4641,
0.4076

■ 20.0240, 0.5394,
0.4068

■ 30.0134, 0.4359,
0.3990

■ 19.4283, 0.5461,
0.4046

■ 33.3451, 0.4089,
0.3879

■ 37.0390, 0.3838,
0.3754

■ 41.1074, 0.3611,
0.3623

■ 45.5621, 0.3410,
0.3494

■ 50.4140, 0.3234,
0.3370

■ 55.6739, 0.3080,
0.3253

■ 61.3517, 0.2946,
0.3145

Harmonies

Analogous

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



24.3814, 0.4969, 0.3450



24.3814, 0.4919, 0.4124



24.3814, 0.4360, 0.4763

Triad

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



24.3814, 0.4919, 0.4124



24.3814, 0.1935, 0.3677



24.3814, 0.2494, 0.1970

Complementary

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



24.3814, 0.4919, 0.4124



18.3720, 0.1980, 0.2046

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.



24.3814, 0.1866, 0.1892



24.3814, 0.4919, 0.4124



24.3814, 0.1579, 0.2692

Square

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



24.3814, 0.4919, 0.4124



24.3814, 0.2640, 0.4704



24.3814, 0.1566, 0.2106



24.3814, 0.3418, 0.2297

Rectangle

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



24.3814, 0.4919, 0.4124



24.3814, 0.3822, 0.5046



24.3814, 0.1566, 0.2106



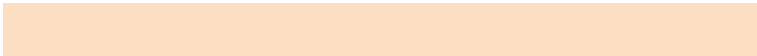
24.3814, 0.2247, 0.1915

Sweetspot

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



24.3827, 0.4919, 0.4124



77.1718, 0.3540, 0.3579



14.8135, 0.4308, 0.2376



16.2681, 0.3617, 0.3627



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.



24.3827, 0.4919, 0.4124



37.4512, 0.5326, 0.4092



48.0630, 0.4151, 0.4875



10.8632, 0.3277, 0.3402



12.9378, 0.5440, 0.4062



0.6970, 0.5091, 0.4340

Inverse Universe

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



18.3720, 0.1980, 0.2046



26.0259, 0.1830, 0.1742



6.7330, 0.1699, 0.0956



10.5896, 0.2984, 0.3176



8.7497, 0.1792, 0.1651



0.5156, 0.1902, 0.2047

Previews

White Background



This preview shows how the Yxy color 24.3814, 0.4919, 0.4124 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 24.3814, 0.4919, 0.4124 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 24.3814, 0.4919, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 24.3814, 0.4919, 0.4124.



This preview shows how white text looks on a background with the Yxy color 24.3814, 0.4919, 0.4124.

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

24.3814, 0.4919, 0.4124

Protanopia

24.5140, 0.4180, 0.4589

Deuteranopia

24.4067, 0.4536, 0.4459



Tritanopia

24.4656, 0.4186, 0.3187

Trichromacy



Original Color

24.3814, 0.4919, 0.4124

Protanomaly

24.1294, 0.4452, 0.4418

Deuteranomaly

24.4181, 0.4681, 0.4339

Tritanomaly

24.4359, 0.4516, 0.3581

Monochromacy



Original Color

24.3814, 0.4919, 0.4124

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.0674, 0.3791, 0.3736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3814, 0.4919, 0.4124 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, 117, 45)` looks like.

```
.text, #text, p{  
    color:rgb(194, 117, 45)  
}
```

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, 117, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 117, 45) }
```

Border

The CSS property to change the border of an element to Yxy 24.3814, 0.4919, 0.4124 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, 117, 45) }
```

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

```
.border{ border-color:rgb(194, 117, 45) }
```

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

Here you see how a box with a 4 pixel rgb(194, 117, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 117, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 117, 45);  
box-shadow:4px 4px 4px 4px rgb(194, 117,  
45) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3814, 0.4919, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 117, 45) }
```

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

```
.background{ background-color: rgb(194,  
117, 45) }
```

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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