

Converting Colors

$Y_{xy}(23.9910, 0.4802, 0.3930)$

Have a look what the booklet for
Yxy(23.9910, 0.4802, 0.3930)
contains.

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Color

Yxy(23.8628, 0.4797, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	C2723F
RGB	194, 114, 63
RGB Percent	76%, 45%, 25%
CMY	0.2392, 0.5529, 0.7530
CMYK	0.00, 0.41, 0.68, 0.24
HSL	23°, 52%, 50%
HSV	23°, 68%, 76%
XYZ	29.1643, 23.8628, 7.7698
YIQ	132.1060, 64.0510, 1.0990

Conversions

Conversions Part 2

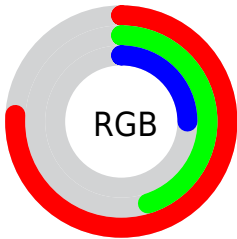
Format	Color
R_{YB}	194, 147, 63
Decimal	12743231
CIE _{Lab}	55.95, 27.11, 41.10
CIE _{LCh}	56, 49.233, 56.587
Yxy	23.8628, 0.4797, 0.3925
Android (android.graphics.Color)	4290933311 (0xFFC2723F)
YUV	132.1060, -34.0693, 54.2810
Hunter-Lab	48.8496, 21.0818, 24.7642

Details

The Yxy color **23.8628, 0.4797, 0.3925** 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 **24.5967, 0.2143, 0.2439**, and the grayscale version is **23.2229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9005, 0.4444, 0.3845**, and **8.9660, 0.5323, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **21.1821, 0.5121, 0.3950**, and if you desaturate by 10%, it is **26.9686, 0.4473, 0.3863**.

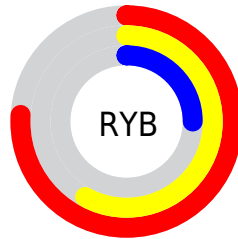
Distribution



Red (76%)

Green (45%)

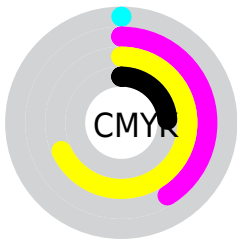
Blue (25%)



Red (76%)

Yellow (58%)

Blue (25%)

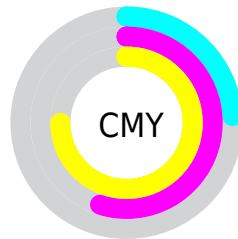


Cyan (0%)

Magenta (41%)

Yellow (68%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8628, 0.4797, 0.3925 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 23.8628, 0.4797, 0.3925 by changing the saturation by 10% instead.


 23.8628, 0.4797,
0.3925

 23.8628, 0.4797,
0.3925


272.1261, 0.3888,
0.3648

 15.2319, 0.5033,
0.3962


 49.8062, 0.4455,
0.3844


 8.9823, 0.5332,
0.3981


 67.8875, 0.4330,
0.3806


 4.7296, 0.5783,
0.4001

 89.8877, 0.4225,
0.3772

 2.0895, 0.6197,
0.3803

 116.1912, 0.4136,
0.3742

 0.6587, 0.6755,
0.3245

 147.1824, 0.4060,
0.3715

 0.0000, 1.0000,
0.0000

 183.2457, 0.3995,

 0.0000, 0.0000,

0.3690

0.0000

224.7654, 0.3938,
0.3668

■ 23.8628, 0.4797,
0.3925

■ 23.8628, 0.4797,
0.3925

■ 21.1821, 0.5121,
0.3950

■ 26.9686, 0.4473,
0.3863

■ 18.9012, 0.5421,
0.3926

■ 30.5154, 0.4167,
0.3775

■ 16.9951, 0.5673,
0.3851

■ 34.5229, 0.3890,
0.3674

■ 16.5755, 0.5732,
0.3831

■ 39.0080, 0.3644,
0.3568

■ 43.9870, 0.3431,
0.3463

■ 49.4751, 0.3248,
0.3362

■ 55.4868, 0.3091,
0.3267

■ 62.0363, 0.2956,
0.3179

■ 69.1369, 0.2841,
0.3099

Harmonies

Analogous

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



23.8628, 0.4685, 0.3310



23.8628, 0.4797, 0.3925



23.8628, 0.4409, 0.4510

Triad

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



23.8628, 0.4797, 0.3925



23.8628, 0.2196, 0.3876



23.8628, 0.2395, 0.2051

Complementary

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



23.8628, 0.4797, 0.3925



24.5967, 0.2143, 0.2439

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.



23.8628, 0.1890, 0.2046



23.8628, 0.4797, 0.3925



23.8628, 0.1777, 0.2960

Square

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



23.8628, 0.4797, 0.3925



23.8628, 0.2899, 0.4673



23.8628, 0.1683, 0.2330



23.8628, 0.3173, 0.2298

Rectangle

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



23.8628, 0.4797, 0.3925



23.8628, 0.3964, 0.4794



23.8628, 0.1683, 0.2330



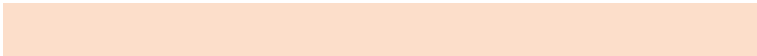
23.8628, 0.2193, 0.2020

Sweetspot

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



23.8640, 0.4797, 0.3925



77.0814, 0.3488, 0.3492



17.0316, 0.3918, 0.2297



16.3093, 0.3548, 0.3522



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.



23.8640, 0.4797, 0.3925



36.3211, 0.5268, 0.3945



43.9590, 0.4159, 0.4662



10.7067, 0.3279, 0.3380



11.0457, 0.5708, 0.3849



0.6113, 0.5295, 0.4178

Inverse Universe

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



24.5967, 0.2143, 0.2439



37.5094, 0.1996, 0.2217



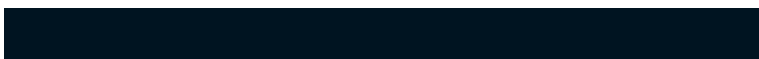
10.4400, 0.1881, 0.1351



10.7486, 0.2984, 0.3198



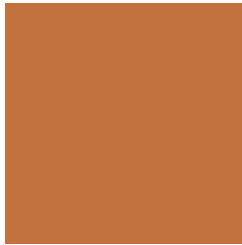
11.3157, 0.1882, 0.1976



0.6196, 0.1973, 0.2301

Previews

White Background



This preview shows how the Yxy color 23.8628, 0.4797, 0.3925 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 23.8628, 0.4797, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

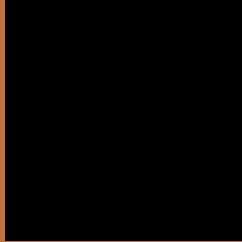
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8628, 0.4797, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 23.8628, 0.4797, 0.3925.



This preview shows how white text looks on a background with the Yxy color 23.8628, 0.4797, 0.3925.

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

23.8628, 0.4797, 0.3925

Protanopia

24.0660, 0.3973, 0.4350

Deuteranopia

23.9801, 0.4365, 0.4277



Tritanopia

23.8564, 0.4213, 0.3187

Trichromacy



Original Color

23.8628, 0.4797, 0.3925

Protanomaly

23.5833, 0.4285, 0.4189

Deuteranomaly

23.8500, 0.4528, 0.4144

Tritanomaly

23.7507, 0.4450, 0.3465

Monochromacy



Original Color

23.8628, 0.4797, 0.3925

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.6973, 0.3716, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8628, 0.4797, 0.3925 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, 114, 63)` looks like.

```
.text, #text, p{  
    color:rgb(194, 114, 63)  
}
```

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, 114, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 114, 63) }
```

Border

The CSS property to change the border of an element to Yxy 23.8628, 0.4797, 0.3925 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, 114, 63) }
```

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

```
.border{ border-color:rgb(194, 114, 63) }
```

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

Here you see how a box with a 4 pixel rgb(194, 114, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 114, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 114, 63);  
box-shadow:4px 4px 4px 4px rgb(194, 114,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8628, 0.4797, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 114, 63) }
```

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

```
.background{ background-color: rgb(194,  
114, 63) }
```

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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