

Converting Colors

$Yxy(24.8426, 0.4622, 0.3499)$

Have a look what the booklet for
Yxy(24.8426, 0.4622, 0.3499)
contains.

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Color

Yxy(24.8494, 0.4623, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	CE6D5D
RGB	206, 109, 93
RGB Percent	81%, 43%, 36%
CMY	0.1922, 0.5725, 0.6354
CMYK	0.00, 0.47, 0.55, 0.19
HSL	9°, 54%, 59%
HSV	9°, 55%, 81%
XYZ	32.8977, 24.8494, 13.4138
YIQ	136.1790, 62.9480, 15.5880

Conversions

Conversions Part 2

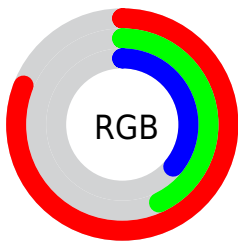
Format	Color
R_{YB}	206, 112, 93
Decimal	13528413
CIE Lab	56.93, 36.71, 26.22
CIE LCh	57, 45.115, 35.537
Yxy	24.8494, 0.4623, 0.3492
Android (android.graphics.Color)	4291718493 (0xFFCE6D5D)
YUV	136.1790, -21.2872, 61.2330
Hunter-Lab	49.8492, 30.5641, 18.9402

Details

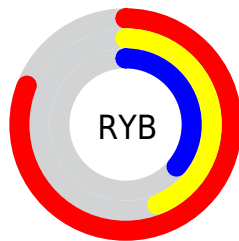
The Yxy color **24.8494, 0.4623, 0.3492** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **43.5990, 0.2387, 0.3056**, and the grayscale version is **24.7552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0838, 0.4206, 0.3492**, and **9.4344, 0.5157, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **21.1332, 0.5050, 0.3510**, and if you desaturate by 10%, it is **29.4251, 0.4236, 0.3461**.

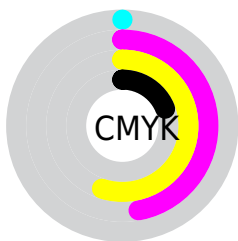
Distribution



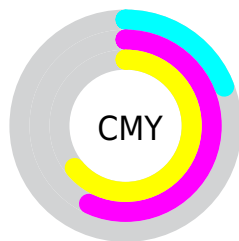
- Red (81%)
- Green (43%)
- Blue (36%)



- Red (81%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)
- Black (19%)




- Cyan (19%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8494, 0.4623, 0.3492 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 24.8494, 0.4623, 0.3492 by changing the saturation by 10% instead.


 24.8494, 0.4623,
0.3492


 24.8494, 0.4623,
0.3492


277.0871, 0.3794,
0.3426


 15.9649, 0.4854,
0.3489


 51.4128, 0.4303,
0.3480


 9.4993, 0.5161,
0.3471


 69.8605, 0.4189,
0.3472

 5.0683, 0.5585,
0.3414

 92.2647, 0.4094,
0.3463

 2.2874, 0.6347,
0.3349

 119.0098, 0.4014,
0.3455

 0.7670, 0.7117,
0.2883

150.4802, 0.3947,
0.3447

 0.0000, 1.0000,
0.0000


187.0603, 0.3889,


 0.0000, 0.0000,


0.3439


0.0000


229.1344, 0.3838,
0.3432

 24.8494, 0.4623,
0.3492

 24.8494, 0.4623,
0.3492


 21.1332, 0.5050,
0.3510


 29.4251, 0.4236,
0.3461


 18.2187, 0.5485,
0.3507


 34.9056, 0.3903,
0.3423


 16.0473, 0.5877,
0.3478

 41.3375, 0.3624,
0.3383

 14.5501, 0.6169,
0.3424

 48.7631, 0.3394,
0.3344

 14.0111, 0.6279,
0.3397

 57.2223, 0.3206,
0.3307

■ 66.7526, 0.3052,
0.3273

■ 77.3897, 0.2925,
0.3242

■ 88.9871, 0.2835,
0.3242

■ 91.8620, 0.2838,
0.3289

Harmonies

Analogous

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



24.8494, 0.4175, 0.2943



24.8494, 0.4623, 0.3492



24.8494, 0.4589, 0.4061

Triad

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



24.8494, 0.4623, 0.3492



24.8494, 0.2719, 0.4354



24.8494, 0.2102, 0.2122

Complementary

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



24.8494, 0.4623, 0.3492



43.5990, 0.2387, 0.3056

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.



24.8494, 0.1825, 0.2308



24.8494, 0.4623, 0.3492



24.8494, 0.2134, 0.3566

Square

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



24.8494, 0.4623, 0.3492



24.8494, 0.3455, 0.4721



24.8494, 0.1831, 0.2796



24.8494, 0.2653, 0.2195

Rectangle

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



24.8494, 0.4623, 0.3492



24.8494, 0.4327, 0.4403



24.8494, 0.1831, 0.2796



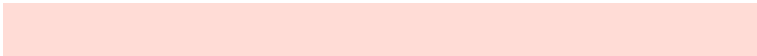
24.8494, 0.1979, 0.2153

Sweetspot

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



24.8507, 0.4623, 0.3492



77.3039, 0.3422, 0.3349



24.7060, 0.3358, 0.2140



15.9903, 0.3468, 0.3357



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.



24.8507, 0.4623, 0.3492



33.2171, 0.5136, 0.3511



40.6641, 0.4184, 0.4170



11.4660, 0.3287, 0.3324



8.7129, 0.6260, 0.3411



0.5346, 0.5944, 0.3663

Inverse Universe

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



43.5990, 0.2387, 0.3056



66.4600, 0.2280, 0.2996



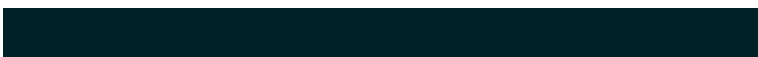
23.9496, 0.2205, 0.2179



12.4453, 0.2983, 0.3256



22.1638, 0.2122, 0.2838



1.2197, 0.2149, 0.2935

Previews

White Background



This preview shows how the Yxy color 24.8494, 0.4623, 0.3492 looks on a white background.

Color Contrast Check

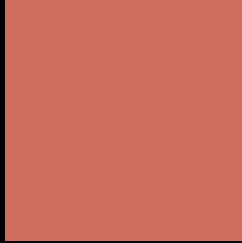
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8494, 0.4623, 0.3492 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 24.8494, 0.4623, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 24.8494, 0.4623, 0.3492.



This preview shows how white text looks on a background with the Yxy color 24.8494, 0.4623, 0.3492.

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

24.8494, 0.4623, 0.3492

Protanopia

25.0222, 0.3574, 0.3830

Deuteranopia

24.9532, 0.4017, 0.3941



Tritanopia

24.7884, 0.4370, 0.3193

Trichromacy



Original Color

24.8494, 0.4623, 0.3492

Protanomaly

24.4432, 0.3941, 0.3693

Deuteranomaly

24.6074, 0.4249, 0.3767

Tritanomaly

24.8214, 0.4475, 0.3306

Monochromacy



Original Color

24.8494, 0.4623, 0.3492

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8548, 0.3628, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8494, 0.4623, 0.3492 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(206, 109, 93)` looks like.

```
.text, #text, p{  
    color:rgb(206, 109, 93)  
}
```

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(206, 109, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 109, 93) }
```

Border

The CSS property to change the border of an element to Yxy 24.8494, 0.4623, 0.3492 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(206, 109, 93) }
```

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

```
.border{ border-color:rgb(206, 109, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 109, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 109, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 109, 93);  
box-shadow:4px 4px 4px 4px rgb(206, 109,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8494, 0.4623, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 109, 93) }
```

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

```
.background{ background-color: rgb(206,  
109, 93) }
```

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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