

Converting Colors

$Y_{xy}(24.0349, 0.4482, 0.3586)$

Have a look what the booklet for
Yxy(24.0349, 0.4482, 0.3586)
contains.

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Color

Yxy(24.0349, 0.4482, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	C2715B
RGB	194, 113, 91
RGB Percent	76%, 44%, 36%
CMY	0.2392, 0.5568, 0.6432
CMYK	0.00, 0.42, 0.53, 0.24
HSL	13°, 46%, 56%
HSV	13°, 53%, 76%
XYZ	30.0403, 24.0349, 12.9491
YIQ	134.7110, 55.3380, 10.3300

Conversions

Conversions Part 2

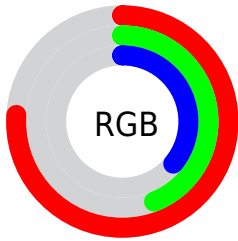
Format	Color
RYB	194, 119, 91
Decimal	12743003
CIELab	56.12, 29.71, 26.00
CIELCh	56, 39.478, 41.185
Yxy	24.0349, 0.4482, 0.3586
Android (android.graphics.Color)	4290933083 (0xFFC2715B)
YUV	134.7110, -21.5495, 51.9965
Hunter-Lab	49.0254, 23.5813, 18.6575

Details

The Yxy color **24.0349, 0.4482, 0.3586** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **35.6114, 0.2384, 0.2948**, and the grayscale version is **24.1822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0782, 0.4187, 0.3557**, and **9.0628, 0.4987, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **20.6213, 0.4873, 0.3621**, and if you desaturate by 10%, it is **28.1094, 0.4130, 0.3536**.

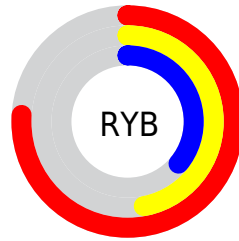
Distribution



Red (76%)

Green (44%)

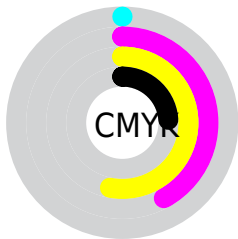
Blue (36%)



Red (76%)

Yellow (47%)

Blue (36%)

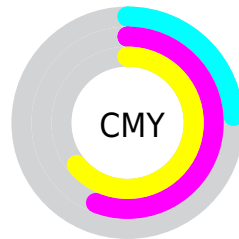


Cyan (0%)

Magenta (42%)

Yellow (53%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0349, 0.4482, 0.3586 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 24.0349, 0.4482, 0.3586 by changing the saturation by 10% instead.


 24.0349, 0.4482,
0.3586


 24.0349, 0.4482,
0.3586


272.9969, 0.3727,
0.3461


 15.3595, 0.4694,
0.3602


 50.0871, 0.4189,
0.3550


 9.0721, 0.4980,
0.3609


 68.2328, 0.4085,
0.3533

 4.7882, 0.5376,
0.3590

 90.3040, 0.3999,
0.3518

 2.1236, 0.6165,
0.3620

 116.6851, 0.3927,
0.3504

 0.6778, 0.6870,
0.3130

147.7606, 0.3866,
0.3491

 0.0000, 1.0000,
0.0000

183.9148, 0.3813,

 0.0000, 0.0000,

0.3480

0.0000

225.5321, 0.3767,
0.3470

■ 24.0349, 0.4482,
0.3586

■ 24.0349, 0.4482,
0.3586

■ 20.6213, 0.4873,
0.3621

■ 28.1094, 0.4130,
0.3536

■ 17.8296, 0.5280,
0.3631

■ 32.8737, 0.3826,
0.3478

■ 15.6221, 0.5667,
0.3607

■ 38.3595, 0.3569,
0.3419

■ 13.9552, 0.5985,
0.3546

■ 44.5956, 0.3354,
0.3361

■ 13.0882, 0.6156,
0.3494

■ 51.6088, 0.3176,
0.3306

■ 59.4248, 0.3028,
0.3256

■ 68.0682, 0.2905,
0.3209

■ 77.5623, 0.2802,
0.3167

■ 87.2295, 0.2769,
0.3239

Harmonies

Analogous

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



24.0349, 0.4157, 0.3075



24.0349, 0.4482, 0.3586



24.0349, 0.4385, 0.4090

Triad

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



24.0349, 0.4482, 0.3586



24.0349, 0.2658, 0.4107



24.0349, 0.2283, 0.2233

Complementary

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



24.0349, 0.4482, 0.3586



35.6114, 0.2384, 0.2948

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.



24.0349, 0.1980, 0.2362



24.0349, 0.4482, 0.3586



24.0349, 0.2169, 0.3401

Square

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



24.0349, 0.4482, 0.3586



24.0349, 0.3307, 0.4522



24.0349, 0.1938, 0.2757



24.0349, 0.2826, 0.2336

Rectangle

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



24.0349, 0.4482, 0.3586



24.0349, 0.4119, 0.4368



24.0349, 0.1938, 0.2757



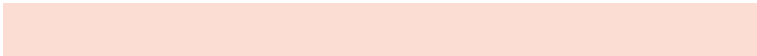
24.0349, 0.2154, 0.2248

Sweetspot

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



24.0361, 0.4482, 0.3586



77.0879, 0.3418, 0.3379



21.9803, 0.3434, 0.2248



16.3567, 0.3462, 0.3391



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.



24.0361, 0.4482, 0.3586



36.3091, 0.4950, 0.3625



38.4509, 0.4091, 0.4223



10.4192, 0.3284, 0.3340



8.7050, 0.6135, 0.3511



0.4797, 0.5700, 0.3856

Inverse Universe

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



35.6114, 0.2384, 0.2948



59.3673, 0.2261, 0.2857



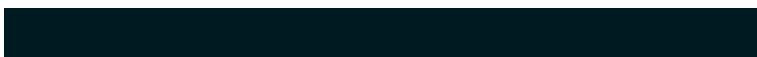
20.0092, 0.2215, 0.2111



11.0510, 0.2984, 0.3240



17.5591, 0.2054, 0.2595



0.8522, 0.2102, 0.2767

Previews

White Background



This preview shows how the Yxy color 24.0349, 0.4482, 0.3586 looks on a white background.

Color Contrast Check

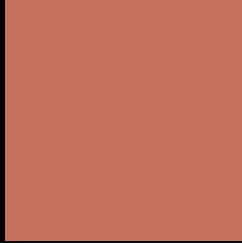
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0349, 0.4482, 0.3586 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 24.0349, 0.4482, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 24.0349, 0.4482, 0.3586.



This preview shows how white text looks on a background with the Yxy color 24.0349, 0.4482, 0.3586.

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

24.0349, 0.4482, 0.3586

Protanopia

24.2678, 0.3625, 0.3886

Deuteranopia

24.0865, 0.4006, 0.3936



Tritanopia

23.9574, 0.4182, 0.3186

Trichromacy



Original Color

24.0349, 0.4482, 0.3586

Protanomaly

23.8283, 0.3927, 0.3766

Deuteranomaly

23.8859, 0.4188, 0.3797

Tritanomaly

23.8367, 0.4289, 0.3320

Monochromacy



Original Color

24.0349, 0.4482, 0.3586

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5786, 0.3574, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0349, 0.4482, 0.3586 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, 113, 91)` looks like.

```
.text, #text, p{  
    color:rgb(194, 113, 91)  
}
```

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, 113, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 113, 91) }
```

Border

The CSS property to change the border of an element to Yxy 24.0349, 0.4482, 0.3586 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, 113, 91) }
```

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

```
.border{ border-color:rgb(194, 113, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 113, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 113, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 113, 91);  
box-shadow:4px 4px 4px 4px rgb(194, 113,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0349, 0.4482, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 113, 91) }
```

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

```
.background{ background-color: rgb(194,  
113, 91) }
```

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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