

Converting Colors

$Yxy(23.2614, 0.4847, 0.3422)$

Have a look what the booklet for
Yxy(23.2614, 0.4847, 0.3422)
contains.

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Color

Yxy(23.2724, 0.4846, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	D36257
RGB	211, 98, 87
RGB Percent	83%, 38%, 34%
CMY	0.1726, 0.6156, 0.6589
CMYK	0.00, 0.54, 0.59, 0.17
HSL	5°, 58%, 58%
HSV	5°, 59%, 83%
XYZ	32.9471, 23.2724, 11.7688
YIQ	130.5330, 70.8790, 20.5350

Conversions

Conversions Part 2

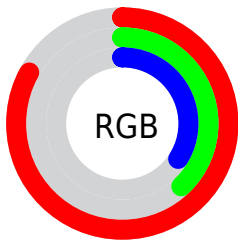
Format	Color
RYB	211, 99, 87
Decimal	13853271
CIELab	55.35, 43.68, 27.75
CIELCh	55, 51.752, 32.427
Yxy	23.2724, 0.4846, 0.3423
Android (android.graphics.Color)	4292043351 (0xFFD36257)
YUV	130.5330, -21.4618, 70.5696
Hunter-Lab	48.2415, 37.4863, 19.3049

Details

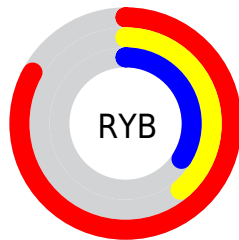
The Yxy color **23.2724, 0.4846, 0.3423** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **48.0080, 0.2370, 0.3132**, and the grayscale version is **22.5828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5226, 0.4318, 0.3450**, and **8.6934, 0.5467, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **19.8017, 0.5301, 0.3428**, and if you desaturate by 10%, it is **27.7098, 0.4421, 0.3407**.

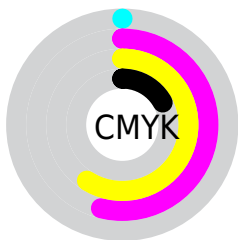
Distribution



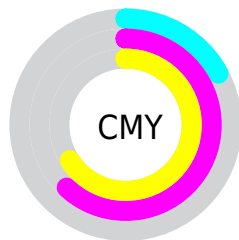
- Red (83%)
- Green (38%)
- Blue (34%)



- Red (83%)
- Yellow (39%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (17%)




- Cyan (17%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2724, 0.4846, 0.3423 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 23.2724, 0.4846, 0.3423 by changing the saturation by 10% instead.


 23.2724, 0.4846,
0.3423


 23.2724, 0.4846,
0.3423


269.1210, 0.3887,
0.3407


 14.7948, 0.5113,
0.3401


 48.8402, 0.4475,
0.3434


 8.6755, 0.5468,
0.3351


 66.6992, 0.4343,
0.3433


 4.5301, 0.5951,
0.3244

 88.4541, 0.4233,
0.3429

 1.9743, 0.6877,
0.3123

 114.4893, 0.4141,
0.3425

 0.5925, 0.7624,
0.2376

 145.1892, 0.4063,
0.3421

 0.0000, 1.0000,
0.0000

180.9382, 0.3996,


 0.0000, 0.0000,


0.3416

0.0000


222.1207, 0.3938,
0.3411


 23.2724, 0.4846,
0.3423


 23.2724, 0.4846,
0.3423

 19.8017, 0.5301,
0.3428


 27.7098, 0.4421,
0.3407


 17.2221, 0.5738,
0.3417

 33.1747, 0.4050,
0.3385


 15.4529, 0.6093,
0.3388

 39.7274, 0.3739,
0.3359

 14.3933, 0.6318,
0.3351

 47.4224, 0.3484,
0.3334

 14.3043, 0.6340,
0.3348

 56.3104, 0.3277,
0.3310

■ 66.4393, 0.3108,
0.3287

■ 77.8542, 0.2972,
0.3267

■ 90.5485, 0.2864,
0.3256

■ 92.5858, 0.2866,
0.3289

Harmonies

Analogous

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



23.2724, 0.4272, 0.2820



23.2724, 0.4846, 0.3423



23.2724, 0.4841, 0.4067

Triad

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



23.2724, 0.4846, 0.3423



23.2724, 0.2718, 0.4642



23.2724, 0.1907, 0.1964

Complementary

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



23.2724, 0.4846, 0.3423



48.0080, 0.2370, 0.3132

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.



23.2724, 0.1633, 0.2192



23.2724, 0.4846, 0.3423



23.2724, 0.2030, 0.3710

Square

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



23.2724, 0.4846, 0.3423



23.2724, 0.3565, 0.4981



23.2724, 0.1665, 0.2774



23.2724, 0.2493, 0.2024

Rectangle

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



23.2724, 0.4846, 0.3423



23.2724, 0.4550, 0.4483



23.2724, 0.1665, 0.2774



23.2724, 0.1782, 0.2005

Sweetspot

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



23.2737, 0.4846, 0.3423



73.5510, 0.3471, 0.3333



24.8601, 0.3306, 0.2016



14.9524, 0.3540, 0.3340



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.



23.2737, 0.4846, 0.3423



29.0779, 0.5436, 0.3426



39.4384, 0.4322, 0.4154



11.9750, 0.3288, 0.3311



8.6990, 0.6326, 0.3359



0.5462, 0.6112, 0.3529

Inverse Universe

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



48.0080, 0.2370, 0.3132



70.3365, 0.2273, 0.3092



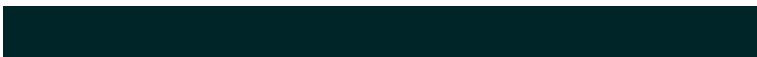
25.0913, 0.2160, 0.2180



13.2195, 0.2983, 0.3269



25.7241, 0.2170, 0.3011



1.4923, 0.2185, 0.3066

Previews

White Background



This preview shows how the Yxy color 23.2724, 0.4846, 0.3423 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 23.2724, 0.4846, 0.3423 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 23.2724, 0.4846, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 23.2724, 0.4846, 0.3423.



This preview shows how white text looks on a background with the Yxy color 23.2724, 0.4846, 0.3423.

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

23.2724, 0.4846, 0.3423

Protanopia

23.4851, 0.3575, 0.3827

Deuteranopia

23.3650, 0.4076, 0.4000



Tritanopia

23.3221, 0.4662, 0.3224

Trichromacy



Original Color

23.2724, 0.4846, 0.3423

Protanomaly

22.5115, 0.4023, 0.3650

Deuteranomaly

22.7146, 0.4367, 0.3753

Tritanomaly

23.4095, 0.4727, 0.3295

Monochromacy



Original Color

23.2724, 0.4846, 0.3423

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.9050, 0.3706, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2724, 0.4846, 0.3423 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(211, 98, 87)` looks like.

```
.text, #text, p{  
    color:rgb(211, 98, 87)  
}
```

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(211, 98, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 98, 87) }
```

Border

The CSS property to change the border of an element to Yxy 23.2724, 0.4846, 0.3423 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(211, 98, 87) }
```

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

```
.border{ border-color:rgb(211, 98, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 98, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 98, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 98, 87);  
box-shadow:4px 4px 4px 4px rgb(211, 98,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2724, 0.4846, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 98, 87) }
```

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

```
.background{ background-color: rgb(211, 98,  
87) }
```

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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