

Converting Colors

$Yxy(23.9079, 0.4868, 0.3432)$

Have a look what the booklet for
Yxy(23.9079, 0.4868, 0.3432)
contains.

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Color

Yxy(23.9079, 0.4868, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	D66357
RGB	214, 99, 87
RGB Percent	84%, 39%, 34%
CMY	0.1608, 0.6117, 0.6589
CMYK	0.00, 0.54, 0.59, 0.16
HSL	6°, 61%, 59%
HSV	6°, 59%, 84%
XYZ	33.9113, 23.9079, 11.8425
YIQ	132.0170, 72.3920, 20.6480

Conversions

Conversions Part 2

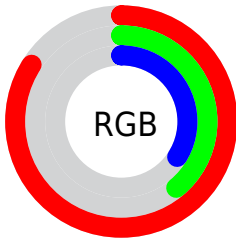
Format	Color
R _Y B	214, 100, 87
Decimal	14050135
CIE Lab	56.00, 44.30, 28.66
CIE LCh	56, 52.765, 32.902
Yxy	23.9079, 0.4868, 0.3432
Android (android.graphics.Color)	4292240215 (0xFFD66357)
YUV	132.0170, -22.1934, 71.8991
Hunter-Lab	48.8957, 38.2301, 19.8670

Details

The Yxy color **23.9079, 0.4868, 0.3432** 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 **49.1063, 0.2362, 0.3120**, and the grayscale version is **23.1443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8486, 0.4313, 0.3460**, and **8.9841, 0.5498, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **20.3682, 0.5322, 0.3436**, and if you desaturate by 10%, it is **28.4342, 0.4442, 0.3415**.

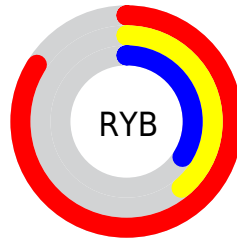
Distribution



Red (84%)

Green (39%)

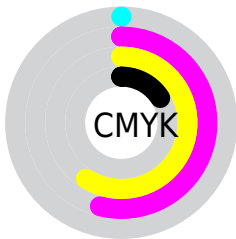
Blue (34%)



Red (84%)

Yellow (39%)

Blue (34%)

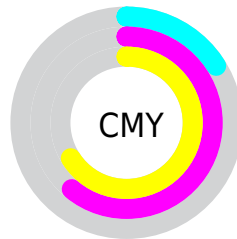


Cyan (0%)

Magenta (54%)

Yellow (59%)

Black (16%)



Cyan (16%)


Magenta (61%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9079, 0.4868, 0.3432 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 23.9079, 0.4868, 0.3432 by changing the saturation by 10% instead.


 23.9079, 0.4868,
0.3432


 23.9079, 0.4868,
0.3432


272.3545, 0.3901,
0.3413


 15.2653, 0.5135,
0.3410


 49.8799, 0.4496,
0.3443

 9.0058, 0.5487,
0.3361


 67.9780, 0.4362,
0.3441

 4.7450, 0.5965,
0.3254

 89.9969, 0.4252,
0.3437

 2.0984, 0.6867,
0.3133

 116.3207, 0.4159,
0.3433

 0.6637, 0.7551,
0.2449

 147.3340, 0.4080,
0.3428

 0.0000, 1.0000,
0.0000

183.4212, 0.4012,

 0.0000, 0.0000,

0.3423

0.0000

224.9665, 0.3953,
0.3418

■ 23.9079, 0.4868,
0.3432

■ 23.9079, 0.4868,
0.3432

■ 20.3682, 0.5322,
0.3436

■ 28.4342, 0.4442,
0.3415

■ 17.7379, 0.5755,
0.3424

■ 34.0094, 0.4069,
0.3392

■ 15.9343, 0.6104,
0.3392

■ 40.6948, 0.3755,
0.3365

■ 14.8534, 0.6324,
0.3353

■ 48.5462, 0.3497,
0.3338

■ 14.8041, 0.6335,
0.3352

■ 57.6155, 0.3287,
0.3313

■ 67.9515, 0.3117,
0.3289

■ 79.6003, 0.2979,
0.3267

■ 92.3990, 0.2882,
0.3279

■ 93.0346, 0.2883,
0.3289

Harmonies

Analogous

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



23.9079, 0.4296, 0.2824



23.9079, 0.4868, 0.3432



23.9079, 0.4852, 0.4081

Triad

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



23.9079, 0.4868, 0.3432



23.9079, 0.2700, 0.4647



23.9079, 0.1904, 0.1952

Complementary

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



23.9079, 0.4868, 0.3432



49.1063, 0.2362, 0.3120

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.



23.9079, 0.1623, 0.2175



23.9079, 0.4868, 0.3432



23.9079, 0.2011, 0.3698

Square

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



23.9079, 0.4868, 0.3432



23.9079, 0.3553, 0.4999



23.9079, 0.1650, 0.2755



23.9079, 0.2498, 0.2016

Rectangle

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



23.9079, 0.4868, 0.3432



23.9079, 0.4553, 0.4500



23.9079, 0.1650, 0.2755



23.9079, 0.1776, 0.1991

Sweetspot

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



23.9092, 0.4868, 0.3432



73.6812, 0.3470, 0.3335



25.4411, 0.3308, 0.2005



14.9835, 0.3539, 0.3343



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.



23.9092, 0.4868, 0.3432



29.2512, 0.5428, 0.3435



40.4984, 0.4337, 0.4162



12.6080, 0.3289, 0.3313



9.0168, 0.6321, 0.3363



0.6103, 0.6109, 0.3532

Inverse Universe

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



49.1063, 0.2362, 0.3120



69.7419, 0.2269, 0.3079



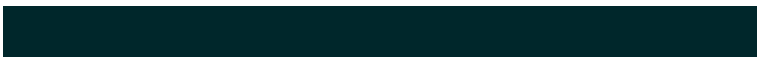
25.6098, 0.2151, 0.2166



13.8975, 0.2983, 0.3267



26.2697, 0.2165, 0.2992



1.6443, 0.2180, 0.3048

Previews

White Background



This preview shows how the Yxy color 23.9079, 0.4868, 0.3432 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 23.9079, 0.4868, 0.3432 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 23.9079, 0.4868, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 23.9079, 0.4868, 0.3432.



This preview shows how white text looks on a background with the Yxy color 23.9079, 0.4868, 0.3432.

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

23.9079, 0.4868, 0.3432

Protanopia

24.2165, 0.3591, 0.3854

Deuteranopia

24.0962, 0.4085, 0.4022



Tritanopia

23.9757, 0.4673, 0.3225

Trichromacy



Original Color

23.9079, 0.4868, 0.3432

Protanomaly

23.2172, 0.4035, 0.3677

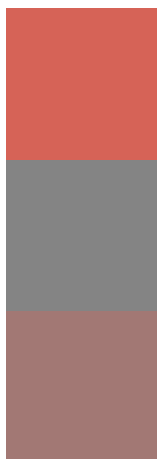
Deuteranomaly

23.5420, 0.4386, 0.3773

Tritanomaly

24.0455, 0.4751, 0.3306

Monochromacy



Original Color

23.9079, 0.4868, 0.3432

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3753, 0.3715, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9079, 0.4868, 0.3432 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(214, 99, 87)` looks like.

```
.text, #text, p{  
    color:rgb(214, 99, 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(214, 99, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 99, 87) }
```

Border

The CSS property to change the border of an element to Yxy 23.9079, 0.4868, 0.3432 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(214, 99, 87) }
```

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

```
.border{ border-color:rgb(214, 99, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 99, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 99, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 99, 87);  
box-shadow:4px 4px 4px 4px rgb(214, 99,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9079, 0.4868, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 99, 87) }
```

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

```
.background{ background-color: rgb(214, 99,  
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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