

Converting Colors

$Yxy(23.9124, 0.4708, 0.3294)$

Have a look what the booklet for
Yxy(23.9124, 0.4708, 0.3294)
contains.

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Color

Yxy(23.7824, 0.4702, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	D56263
RGB	213, 98, 99
RGB Percent	84%, 38%, 39%
CMY	0.1647, 0.6157, 0.6118
CMYK	0.00, 0.54, 0.54, 0.16
HSL	359°, 58%, 61%
HSV	359°, 54%, 84%
XYZ	34.0618, 23.7824, 14.5969
YIQ	132.4990, 68.2190, 24.6910

Conversions

Conversions Part 2

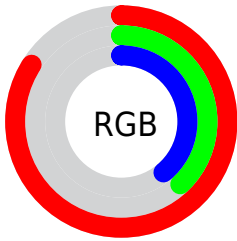
Format	Color
R _Y B	213, 98, 99
Decimal	13984355
CIE Lab	55.87, 45.37, 21.55
CIE LCh	56, 50.229, 25.410
Yxy	23.7824, 0.4702, 0.3283
Android (android.graphics.Color)	4292174435 (0xFFD56263)
YUV	132.4990, -16.5150, 70.5994
Hunter-Lab	48.7672, 39.3319, 16.3905

Details

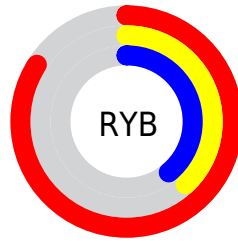
The Yxy color **23.7824, 0.4702, 0.3283** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.9437, 0.2447, 0.3301**, and the grayscale version is **23.3069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9185, 0.4184, 0.3314**, and **8.9061, 0.5269, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **19.9615, 0.5173, 0.3284**, and if you desaturate by 10%, it is **28.7718, 0.4276, 0.3283**.

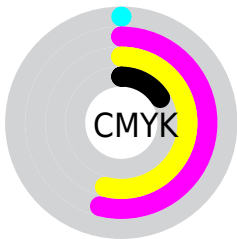
Distribution



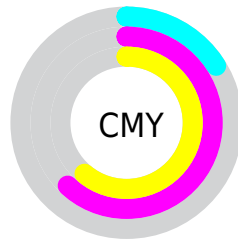
- Red (84%)
- Green (38%)
- Blue (39%)



- Red (84%)
- Yellow (38%)
- Blue (39%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (16%)




- Cyan (16%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.7824, 0.4702, 0.3283 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 23.7824, 0.4702, 0.3283 by changing the saturation by 10% instead.


 23.7824, 0.4702,
0.3283

 23.7824, 0.4702,
0.3283


271.7185, 0.3823,
0.3329


 15.1723, 0.4951,
0.3251


 49.6749, 0.4360,
0.3313


 8.9404, 0.5285,
0.3194


 67.7260, 0.4239,
0.3320

 4.7023, 0.5752,
0.3088


 89.6930, 0.4138,
0.3325

 2.0737, 0.6517,
0.2913

 115.9601, 0.4055,
0.3327

 0.6498, 0.7611,
0.2389

146.9118, 0.3983,
0.3329

 0.0000, 1.0000,
0.0000

182.9326, 0.3922,

 0.0000, 0.0000,

0.3329

0.0000

224.4067, 0.3869,
0.3329

■ 23.7824, 0.4702,
0.3283

■ 23.7824, 0.4702,
0.3283

■ 19.9615, 0.5173,
0.3284

■ 28.7718, 0.4276,
0.3283

■ 17.2108, 0.5644,
0.3286

■ 35.0101, 0.3915,
0.3285

■ 15.4222, 0.6044,
0.3290

■ 42.5751, 0.3620,
0.3286

■ 14.4632, 0.6303,
0.3295

■ 51.5370, 0.3382,
0.3288

■ 14.1513, 0.6393,
0.3296

■ 61.9613, 0.3192,
0.3289

■ 73.9092, 0.3040,
0.3291

■ 87.4384, 0.2918,
0.3292

■ 92.8873, 0.2877,
0.3289

Harmonies

Analogous

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



23.7824, 0.4040, 0.2711



23.7824, 0.4702, 0.3283



23.7824, 0.4835, 0.3906

Triad

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



23.7824, 0.4702, 0.3283



23.7824, 0.2924, 0.4728



23.7824, 0.1855, 0.2029

Complementary

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



23.7824, 0.4702, 0.3283



54.9437, 0.2447, 0.3301

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.



23.7824, 0.1657, 0.2329



23.7824, 0.4702, 0.3283



23.7824, 0.2200, 0.3927

Square

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



23.7824, 0.4702, 0.3283



23.7824, 0.3748, 0.4895



23.7824, 0.1763, 0.2983



23.7824, 0.2355, 0.2025

Rectangle

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



23.7824, 0.4702, 0.3283



23.7824, 0.4627, 0.4318



23.7824, 0.1763, 0.2983



23.7824, 0.1756, 0.2093

Sweetspot

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



23.7837, 0.4702, 0.3283



74.3377, 0.3429, 0.3287



27.4025, 0.3167, 0.2006



15.2948, 0.3477, 0.3287



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.



23.7837, 0.4702, 0.3283



29.1962, 0.5254, 0.3284



38.0046, 0.4291, 0.3964



12.4225, 0.3290, 0.3288



8.6443, 0.6391, 0.3294



0.5220, 0.6359, 0.3277

Inverse Universe

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



23.7837, 0.4702, 0.3283



29.1962, 0.5254, 0.3284



31.6581, 0.2273, 0.2466



12.4225, 0.3290, 0.3288



8.6443, 0.6391, 0.3294



0.5220, 0.6359, 0.3277

Previews

White Background



This preview shows how the Yxy color 23.7824, 0.4702, 0.3283 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 23.7824, 0.4702, 0.3283 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 23.7824, 0.4702, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 23.7824, 0.4702, 0.3283.



This preview shows how white text looks on a background with the Yxy color 23.7824, 0.4702, 0.3283.

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

23.7824, 0.4702, 0.3283

Protanopia

23.9739, 0.3403, 0.3600

Deuteranopia

23.9822, 0.3912, 0.3850



Tritanopia

23.6950, 0.4638, 0.3212

Trichromacy



Original Color

23.7824, 0.4702, 0.3283

Protanomaly

23.0160, 0.3851, 0.3464

Deuteranomaly

23.3851, 0.4200, 0.3614

Tritanomaly

23.6548, 0.4666, 0.3236

Monochromacy



Original Color

23.7824, 0.4702, 0.3283

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4948, 0.3650, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7824, 0.4702, 0.3283 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(213, 98, 99)` looks like.

```
.text, #text, p{  
    color:rgb(213, 98, 99)  
}
```

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(213, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 98, 99) }
```

Border

The CSS property to change the border of an element to Yxy 23.7824, 0.4702, 0.3283 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(213, 98, 99) }
```

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

```
.border{ border-color:rgb(213, 98, 99) }
```

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

Here you see how a box with a 4 pixel rgb(213, 98, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(213, 98,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7824, 0.4702, 0.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 98, 99) }
```

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

```
.background{ background-color: rgb(213, 98,  
99) }
```

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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