

Converting Colors

$Yxy(23.0311, 0.4873, 0.3318)$

Have a look what the booklet for
Yxy(23.0311, 0.4873, 0.3318)
contains.

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Color

Yxy(23.0311, 0.4873, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	D75D5B
RGB	215, 93, 91
RGB Percent	84%, 36%, 36%
CMY	0.1569, 0.6352, 0.6432
CMYK	0.00, 0.57, 0.58, 0.16
HSL	1°, 61%, 60%
HSV	1°, 58%, 84%
XYZ	33.8248, 23.0311, 12.5567
YIQ	129.2500, 73.3540, 25.2420

Conversions

Conversions Part 2

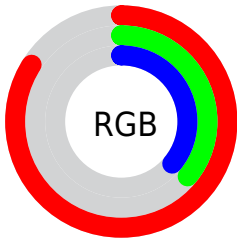
Format	Color
R_{YB}	215, 93, 91
Decimal	14114139
CIE _{Lab}	55.10, 47.84, 25.24
CIE _{LCh}	55, 54.093, 27.819
Yxy	23.0311, 0.4873, 0.3318
Android (android.graphics.Color)	4292304219 (0xFFD75D5B)
YUV	129.2500, -18.8573, 75.2027
Hunter-Lab	47.9907, 41.8263, 18.0803

Details

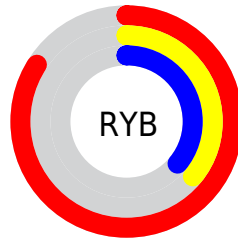
The Yxy color **23.0311, 0.4873, 0.3318** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **54.6983, 0.2406, 0.3260**, and the grayscale version is **22.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0505, 0.4303, 0.3356**, and **8.5443, 0.5523, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **19.4993, 0.5349, 0.3320**, and if you desaturate by 10%, it is **27.6979, 0.4428, 0.3314**.

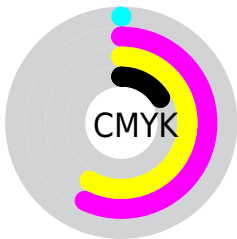
Distribution



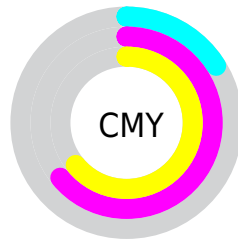
- Red (84%)
- Green (36%)
- Blue (36%)



- Red (84%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (57%)
- Yellow (58%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0311, 0.4873, 0.3318 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 23.0311, 0.4873, 0.3318 by changing the saturation by 10% instead.


 23.0311, 0.4873,
0.3318


 23.0311, 0.4873,
0.3318


267.8847, 0.3897,
0.3357


 14.6165, 0.5147,
0.3282


 48.4444, 0.4495,
0.3349

 8.5507, 0.5512,
0.3216


 66.2118, 0.4359,
0.3356

 4.4493, 0.6014,
0.3089

 87.8657, 0.4248,
0.3359

 1.9279, 0.6976,
0.2938

 113.7903, 0.4155,
0.3360

 0.5651, 0.7826,
0.2174

144.3702, 0.4075,
0.3360

 0.0000, 1.0000,
0.0000

179.9896, 0.4007,

 0.0000, 0.0000,

0.3359

0.0000

221.0329, 0.3948,
0.3358

■ 23.0311, 0.4873,
0.3318

■ 23.0311, 0.4873,
0.3318

■ 19.4993, 0.5349,
0.3320

■ 27.6979, 0.4428,
0.3314

■ 17.0025, 0.5802,
0.3318

■ 33.5812, 0.4043,
0.3309

■ 15.4297, 0.6156,
0.3313

■ 40.7593, 0.3724,
0.3304

■ 14.6397, 0.6357,
0.3307

■ 49.3030, 0.3465,
0.3298

■ 14.5222, 0.6391,
0.3308

■ 59.2779, 0.3258,
0.3294

70.7454, 0.3092,
0.3289

83.7632, 0.2959,
0.3285

93.1858, 0.2889,
0.3289

Harmonies

Analogous

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



23.0311, 0.4191, 0.2709



23.0311, 0.4873, 0.3318



23.0311, 0.4954, 0.3980

Triad

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



23.0311, 0.4873, 0.3318



23.0311, 0.2823, 0.4825



23.0311, 0.1795, 0.1927

Complementary

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



23.0311, 0.4873, 0.3318



54.6983, 0.2406, 0.3260

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.



23.0311, 0.1561, 0.2209



23.0311, 0.4873, 0.3318



23.0311, 0.2070, 0.3897

Square

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



23.0311, 0.4873, 0.3318



23.0311, 0.3707, 0.5047



23.0311, 0.1641, 0.2873



23.0311, 0.2349, 0.1949

Rectangle

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



23.0311, 0.4873, 0.3318



23.0311, 0.4691, 0.4423



23.0311, 0.1641, 0.2873



23.0311, 0.1683, 0.1984

Sweetspot

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



23.0324, 0.4873, 0.3318



73.2629, 0.3454, 0.3298



26.8314, 0.3190, 0.1944



15.0948, 0.3501, 0.3299



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.



23.0324, 0.4873, 0.3318



27.8494, 0.5443, 0.3320



37.9796, 0.4378, 0.4026



12.4530, 0.3291, 0.3294



8.7018, 0.6388, 0.3310



0.5366, 0.6346, 0.3343

Inverse Universe

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



54.6983, 0.2406, 0.3260



78.5801, 0.2324, 0.3254



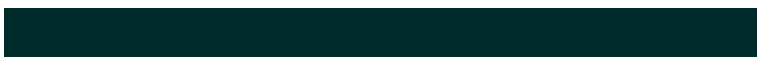
29.9080, 0.2212, 0.2365



14.0713, 0.2983, 0.3286



30.9593, 0.2233, 0.3238



1.8787, 0.2235, 0.3247

Previews

White Background



This preview shows how the Yxy color 23.0311, 0.4873, 0.3318 looks on a white background.

Color Contrast Check

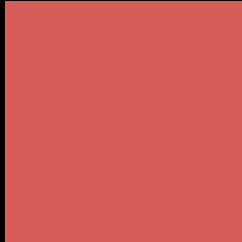
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0311, 0.4873, 0.3318 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 23.0311, 0.4873, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 23.0311, 0.4873, 0.3318.



This preview shows how white text looks on a background with the Yxy color 23.0311, 0.4873, 0.3318.

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

23.0311, 0.4873, 0.3318

Protanopia

23.1607, 0.3487, 0.3709

Deuteranopia

23.2055, 0.4017, 0.3962



Tritanopia

22.9832, 0.4781, 0.3226

Trichromacy



Original Color

23.0311, 0.4873, 0.3318

Protanomaly

22.1317, 0.3971, 0.3542

Deuteranomaly

22.5333, 0.4338, 0.3697

Tritanomaly

22.9276, 0.4824, 0.3261

Monochromacy



Original Color

23.0311, 0.4873, 0.3318

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2022, 0.3719, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0311, 0.4873, 0.3318 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(215, 93, 91)` looks like.

```
.text, #text, p{  
  color:rgb(215, 93, 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(215, 93, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 93, 91) }
```

Border

The CSS property to change the border of an element to Yxy 23.0311, 0.4873, 0.3318 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(215, 93, 91) }
```

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

```
.border{ border-color:rgb(215, 93, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 93, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 93, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 93, 91);  
box-shadow:4px 4px 4px 4px rgb(215, 93,  
91) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0311, 0.4873, 0.3318$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 93, 91) }
```

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

```
.background{ background-color: rgb(215, 93,  
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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