

Converting Colors

$Y_{xy}(23.1582, 0.4738, 0.3358)$

Have a look what the booklet for
Yxy(23.1582, 0.4738, 0.3358)
contains.

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Color

Yxy(23.0810, 0.4743, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	D1625D
RGB	209, 98, 93
RGB Percent	82%, 38%, 36%
CMY	0.1804, 0.6157, 0.6352
CMYK	0.00, 0.53, 0.55, 0.18
HSL	3°, 56%, 59%
HSV	3°, 55%, 82%
XYZ	32.6396, 23.0810, 13.0957
YIQ	130.6190, 67.7610, 21.9770

Conversions

Conversions Part 2

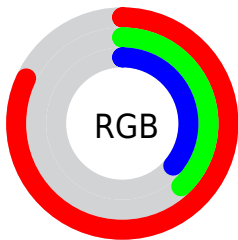
Format	Color
R_{YB}	209, 98, 93
Decimal	13722205
CIE _{Lab}	55.16, 43.43, 23.96
CIE _{LCh}	55, 49.602, 28.883
Yxy	23.0810, 0.4743, 0.3354
Android (android.graphics.Color)	4291912285 (0xFFD1625D)
YUV	130.6190, -18.5462, 68.7401
Hunter-Lab	48.0427, 37.1959, 17.4683

Details

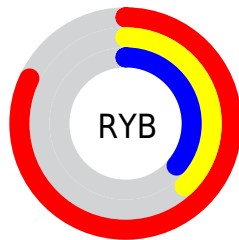
The Yxy color **23.0810, 0.4743, 0.3354** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **50.1294, 0.2415, 0.3218**, and the grayscale version is **22.6045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3764, 0.4262, 0.3377**, and **8.6433, 0.5343, 0.3283** is the 20% darker color. If you saturate the color by 10%, you get **19.4739, 0.5207, 0.3358**, and if you desaturate by 10%, it is **27.7270, 0.4320, 0.3345**.

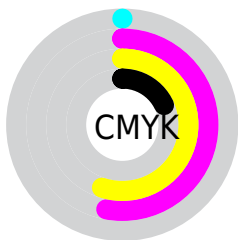
Distribution



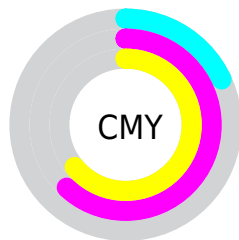
- Red (82%)
- Green (38%)
- Blue (36%)



- Red (82%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (55%)
- Black (18%)





- Cyan (18%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0810, 0.4743, 0.3354 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 23.0810, 0.4743, 0.3354 by changing the saturation by 10% instead.


 23.0810, 0.4743,
0.3354


 23.0810, 0.4743,
0.3354


268.1408, 0.3838,
0.3366


 14.6533, 0.4999,
0.3328


 48.5263, 0.4391,
0.3373

 8.5764, 0.5343,
0.3278


 66.3127, 0.4266,
0.3375

 4.4660, 0.5821,
0.3175

 87.9875, 0.4162,
0.3376

 1.9375, 0.6714,
0.3047

 113.9350, 0.4076,
0.3375

 0.5708, 0.7647,
0.2353

144.5397, 0.4003,
0.3373

 0.0000, 1.0000,
0.0000

180.1860, 0.3940,

 0.0000, 0.0000,

0.3371

0.0000

221.2582, 0.3885,
0.3368

■ 23.0810, 0.4743,
0.3354

■ 23.0810, 0.4743,
0.3354

■ 19.4739, 0.5207,
0.3358

■ 27.7270, 0.4320,
0.3345

■ 16.8225, 0.5666,
0.3355

■ 33.4794, 0.3957,
0.3333

■ 15.0370, 0.6053,
0.3343

■ 40.4043, 0.3657,
0.3320

■ 14.0088, 0.6303,
0.3324

■ 48.5616, 0.3414,
0.3308

■ 13.7506, 0.6374,
0.3321

■ 58.0072, 0.3218,
0.3296

■ 68.7934, 0.3060,
0.3285

■ 80.9698, 0.2933,
0.3276

■ 92.2958, 0.2855,
0.3289

Harmonies

Analogous

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



23.0810, 0.4134, 0.2774



23.0810, 0.4743, 0.3354



23.0810, 0.4811, 0.3978

Triad

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



23.0810, 0.4743, 0.3354



23.0810, 0.2831, 0.4658



23.0810, 0.1900, 0.2018

Complementary

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



23.0810, 0.4743, 0.3354



50.1294, 0.2415, 0.3218

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.



23.0810, 0.1667, 0.2279



23.0810, 0.4743, 0.3354



23.0810, 0.2135, 0.3812

Square

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



23.0810, 0.4743, 0.3354



23.0810, 0.3654, 0.4906



23.0810, 0.1737, 0.2890



23.0810, 0.2434, 0.2043

Rectangle

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



23.0810, 0.4743, 0.3354



23.0810, 0.4569, 0.4384



23.0810, 0.1737, 0.2890



23.0810, 0.1789, 0.2070

Sweetspot

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



23.0822, 0.4743, 0.3354



73.8418, 0.3452, 0.3310



25.8029, 0.3230, 0.2021



15.2292, 0.3499, 0.3312



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.



23.0822, 0.4743, 0.3354



29.4678, 0.5314, 0.3358



37.7490, 0.4286, 0.4048



11.8884, 0.3290, 0.3301



8.5146, 0.6366, 0.3327



0.5053, 0.6255, 0.3415

Inverse Universe

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



50.1294, 0.2415, 0.3218



76.0409, 0.2323, 0.3200



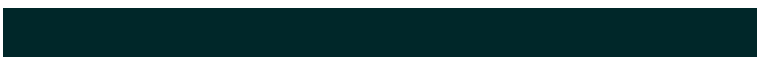
27.8452, 0.2232, 0.2347



13.3164, 0.2983, 0.3279



28.3542, 0.2210, 0.3157



1.6129, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 23.0810, 0.4743, 0.3354 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 23.0810, 0.4743, 0.3354 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 23.0810, 0.4743, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 23.0810, 0.4743, 0.3354.



This preview shows how white text looks on a background with the Yxy color 23.0810, 0.4743, 0.3354.

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

23.0810, 0.4743, 0.3354

Protanopia

23.1607, 0.3487, 0.3709

Deuteranopia

23.2543, 0.3983, 0.3916



Tritanopia

23.0467, 0.4626, 0.3210

Trichromacy



Original Color

23.0810, 0.4743, 0.3354

Protanomaly

22.4115, 0.3921, 0.3560

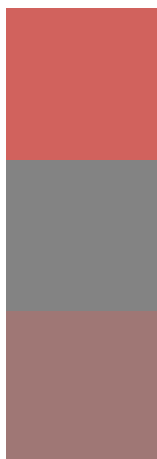
Deuteranomaly

22.5761, 0.4267, 0.3674

Tritanomaly

23.1519, 0.4677, 0.3271

Monochromacy



Original Color

23.0810, 0.4743, 0.3354

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8489, 0.3667, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0810, 0.4743, 0.3354 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(209, 98, 93)` looks like.

```
.text, #text, p{  
    color:rgb(209, 98, 93)  
}
```

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(209, 98, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 98, 93) }
```

Border

The CSS property to change the border of an element to Yxy 23.0810, 0.4743, 0.3354 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(209, 98, 93) }
```

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

```
.border{ border-color:rgb(209, 98, 93) }
```

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

Here you see how a box with a 4 pixel rgb(209, 98, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 98, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 98, 93);  
box-shadow:4px 4px 4px 4px rgb(209, 98,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0810, 0.4743, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 98, 93) }
```

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

```
.background{ background-color: rgb(209, 98,  
93) }
```

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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