

Converting Colors

Yxy(23.3566, 0.5109, 0.3465)

Have a look what the booklet for
Yxy(23.3566, 0.5109, 0.3465)
contains.

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Color

Yxy(23.4106, 0.5110, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	DB5D4C
RGB	219, 93, 76
RGB Percent	86%, 36%, 30%
CMY	0.1411, 0.6353, 0.7019
CMYK	0.00, 0.58, 0.65, 0.14
HSL	7°, 67%, 58%
HSV	7°, 65%, 86%
XYZ	34.4353, 23.4106, 9.5421
YIQ	128.7360, 80.5530, 21.4250

Conversions

Conversions Part 2

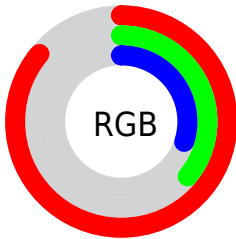
Format	Color
R_{YB}	219, 95, 76
Decimal	14376268
CIE _{Lab}	55.49, 48.29, 34.43
CIE _{LCh}	55, 59.302, 35.488
Yxy	23.4106, 0.5110, 0.3474
Android (android.graphics.Color)	4292566348 (0xFFDB5D4C)
YUV	128.7360, -25.9988, 79.1615
Hunter-Lab	48.3845, 42.3657, 22.1763

Details

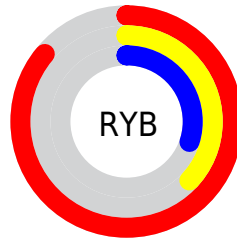
The Yxy color **23.4106, 0.5110, 0.3474** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **48.9032, 0.2301, 0.3050**, and the grayscale version is **21.9276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6081, 0.4470, 0.3520**, and **8.7543, 0.5788, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **20.1865, 0.5553, 0.3469**, and if you desaturate by 10%, it is **27.5957, 0.4671, 0.3461**.

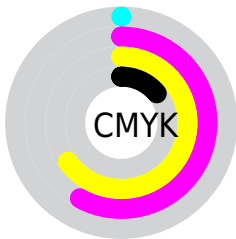
Distribution



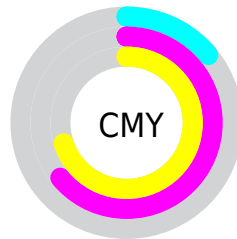
- Red (86%)
- Green (36%)
- Blue (30%)



- Red (86%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (65%)
- Black (14%)





- Cyan (14%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.4106, 0.5110, 0.3474 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 23.4106, 0.5110, 0.3474 by changing the saturation by 10% instead.


 23.4106, 0.5110,
0.3474


 23.4106, 0.5110,
0.3474


269.8270, 0.4015,
0.3454

 14.8970, 0.5404,
0.3442


 49.0667, 0.4693,
0.3491


 8.7471, 0.5785,
0.3372


 66.9779, 0.4541,
0.3490

 4.5766, 0.6296,
0.3234

 88.7904, 0.4415,
0.3485

 2.0011, 0.7031,
0.2969

 114.8887, 0.4309,
0.3480

 0.6081, 0.7778,
0.2222

 145.6571, 0.4219,
0.3473

 0.0000, 1.0000,
0.0000

181.4800, 0.4141,

 0.0000, 0.0000,

0.3467

0.0000

222.7418, 0.4074,
0.3460

■ 23.4106, 0.5110,
0.3474

■ 23.4106, 0.5110,
0.3474

■ 20.1865, 0.5553,
0.3469

■ 27.5957, 0.4671,
0.3461

■ 17.8429, 0.5942,
0.3440

■ 32.8062, 0.4272,
0.3436


■ 16.2924, 0.6220,
0.3392

■ 39.1053, 0.3928,
0.3404

■ 15.8017, 0.6311,
0.3371


■ 46.5501, 0.3641,
0.3370

■ 55.1937, 0.3406,
0.3337

 65.0858, 0.3214,
0.3306

 76.2733, 0.3058,
0.3277

 88.8007, 0.2930,
0.3250

 93.8020, 0.2912,
0.3289

Harmonies

Analogous

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



23.4106, 0.4525, 0.2814



23.4106, 0.5110, 0.3474



23.4106, 0.5007, 0.4184

Triad

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



23.4106, 0.5110, 0.3474



23.4106, 0.2550, 0.4780



23.4106, 0.1817, 0.1810

Complementary

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



23.4106, 0.5110, 0.3474



48.9032, 0.2301, 0.3050

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.



23.4106, 0.1488, 0.2009



23.4106, 0.5110, 0.3474



23.4106, 0.1827, 0.3639

Square

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



23.4106, 0.5110, 0.3474



23.4106, 0.3486, 0.5232



23.4106, 0.1481, 0.2598



23.4106, 0.2492, 0.1908

Rectangle

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



23.4106, 0.5110, 0.3474



23.4106, 0.4629, 0.4656



23.4106, 0.1481, 0.2598



23.4106, 0.1671, 0.1840

Sweetspot

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



23.4119, 0.5110, 0.3474



71.7421, 0.3515, 0.3353



24.5115, 0.3384, 0.1952



14.6291, 0.3583, 0.3363



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.



23.4119, 0.5110, 0.3474



27.2445, 0.5693, 0.3462



42.2040, 0.4440, 0.4276



13.2994, 0.3289, 0.3318



9.4517, 0.6295, 0.3384



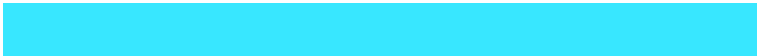
0.6969, 0.6057, 0.3573

Inverse Universe

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



48.9032, 0.2301, 0.3050



65.4223, 0.2214, 0.2995



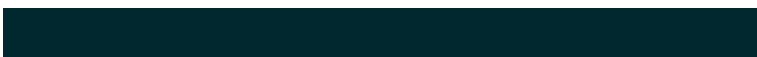
22.8375, 0.2042, 0.1954



14.5516, 0.2982, 0.3261



25.7492, 0.2143, 0.2913



1.7443, 0.2161, 0.2980

Previews

White Background



This preview shows how the Yxy color 23.4106, 0.5110, 0.3474 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 23.4106, 0.5110, 0.3474 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 23.4106, 0.5110, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 23.4106, 0.5110, 0.3474.



This preview shows how white text looks on a background with the Yxy color 23.4106, 0.5110, 0.3474.

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

23.4106, 0.5110, 0.3474

Protanopia

23.4597, 0.3722, 0.4009

Deuteranopia

23.5135, 0.4242, 0.4155



Tritanopia

23.3725, 0.4875, 0.3229

Trichromacy



Original Color

23.4106, 0.5110, 0.3474

Protanomaly

22.2867, 0.4227, 0.3775

Deuteranomaly

22.9197, 0.4579, 0.3877

Tritanomaly

23.4191, 0.4966, 0.3317

Monochromacy



Original Color

23.4106, 0.5110, 0.3474

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2980, 0.3812, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4106, 0.5110, 0.3474 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(219, 93, 76)` looks like.

```
.text, #text, p{  
  color:rgb(219, 93, 76)  
}
```

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(219, 93, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 93, 76) }
```

Border

The CSS property to change the border of an element to Yxy 23.4106, 0.5110, 0.3474 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(219, 93, 76) }
```

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

```
.border{ border-color:rgb(219, 93, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 93, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 93, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 93, 76);  
box-shadow:4px 4px 4px 4px rgb(219, 93,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4106, 0.5110, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 93, 76) }
```

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

```
.background{ background-color: rgb(219, 93,  
76) }
```

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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