

Converting Colors

$Yxy(23.3746, 0.5128, 0.3493)$

Have a look what the booklet for
Yxy(23.3746, 0.5128, 0.3493)
contains.

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Color

Yxy(23.3832, 0.5134, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	DB5D4A
RGB	219, 93, 74
RGB Percent	86%, 36%, 29%
CMY	0.1413, 0.6352, 0.7098
CMYK	0.00, 0.58, 0.66, 0.14
HSL	8°, 67%, 57%
HSV	8°, 66%, 86%
XYZ	34.3587, 23.3832, 9.1820
YIQ	128.5080, 81.1950, 20.8030

Conversions

Conversions Part 2

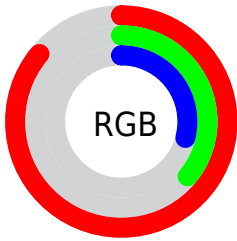
Format	Color
R _Y B	219, 96, 74
Decimal	14376266
CIE Lab	55.46, 48.14, 35.51
CIE LCh	55, 59.822, 36.414
Yxy	23.3832, 0.5134, 0.3494
Android (android.graphics.Color)	4292566346 (0xFFDB5D4A)
YUV	128.5080, -26.8724, 79.3615
Hunter-Lab	48.3562, 42.2070, 22.5912

Details

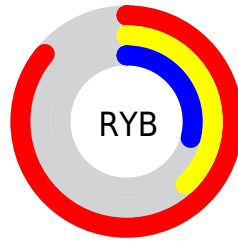
The Yxy color **23.3832, 0.5134, 0.3494** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **47.8564, 0.2288, 0.3021**, and the grayscale version is **21.8497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5575, 0.4490, 0.3540**, and **8.7440, 0.5816, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **20.2033, 0.5571, 0.3487**, and if you desaturate by 10%, it is **27.4990, 0.4697, 0.3481**.

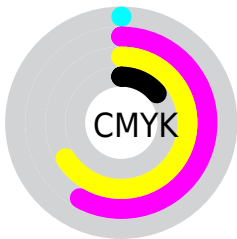
Distribution



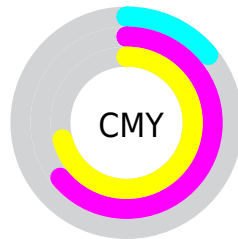
- Red (86%)
- Green (36%)
- Blue (29%)



- Red (86%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (66%)
- Black (14%)





- Cyan (14%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.3832, 0.5134, 0.3494 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 23.3832, 0.5134, 0.3494 by changing the saturation by 10% instead.


 23.3832, 0.5134,
0.3494


 23.3832, 0.5134,
0.3494


269.6871, 0.4027,
0.3467


 14.8767, 0.5430,
0.3462


 49.0218, 0.4713,
0.3510


 8.7329, 0.5811,
0.3392


 66.9227, 0.4560,
0.3507


 4.5674, 0.6327,
0.3255

 88.7238, 0.4432,
0.3502

 1.9957, 0.7028,
0.2972

 114.8096, 0.4325,
0.3495

 0.6050, 0.7777,
0.2223

 145.5644, 0.4234,
0.3488

 0.0000, 1.0000,
0.0000

181.3727, 0.4155,

 0.0000, 0.0000,

0.3481

0.0000

222.6188, 0.4087,
0.3474

■ 23.3832, 0.5134,
0.3494

■ 23.3832, 0.5134,
0.3494

■ 20.2033, 0.5571,
0.3487

■ 27.4990, 0.4697,
0.3481

■ 17.8816, 0.5952,
0.3455

■ 32.6129, 0.4298,
0.3453


■ 16.3336, 0.6221,
0.3401


■ 38.7859, 0.3953,
0.3419


■ 15.9220, 0.6297,
0.3382


■ 46.0733, 0.3663,
0.3382

■ 54.5263, 0.3425,
0.3345

 64.1931, 0.3230,
0.3310

 75.1190, 0.3070,
0.3278

 87.3472, 0.2940,
0.3249

 93.7963, 0.2911,
0.3289

Harmonies

Analogous

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



23.3832, 0.4565, 0.2829



23.3832, 0.5134, 0.3494



23.3832, 0.5007, 0.4209

Triad

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



23.3832, 0.5134, 0.3494



23.3832, 0.2517, 0.4768



23.3832, 0.1823, 0.1798

Complementary

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



23.3832, 0.5134, 0.3494



47.8564, 0.2288, 0.3021

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.



23.3832, 0.1482, 0.1988



23.3832, 0.5134, 0.3494



23.3832, 0.1800, 0.3603

Square

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



23.3832, 0.5134, 0.3494



23.3832, 0.3456, 0.5251



23.3832, 0.1464, 0.2565



23.3832, 0.2513, 0.1906

Rectangle

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



23.3832, 0.5134, 0.3494



23.3832, 0.4617, 0.4685



23.3832, 0.1464, 0.2565



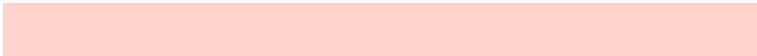
23.3832, 0.1672, 0.1825

Sweetspot

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



23.3845, 0.5134, 0.3494



72.0553, 0.3514, 0.3360



24.2220, 0.3388, 0.1939



14.7026, 0.3582, 0.3370



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.



23.3845, 0.5134, 0.3494



27.2570, 0.5713, 0.3479



41.8890, 0.4461, 0.4285



13.3255, 0.3288, 0.3321



9.5329, 0.6279, 0.3396



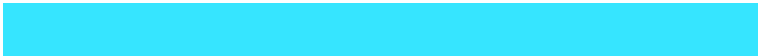
0.7093, 0.6025, 0.3598

Inverse Universe

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



47.8564, 0.2288, 0.3021



63.7910, 0.2200, 0.2958



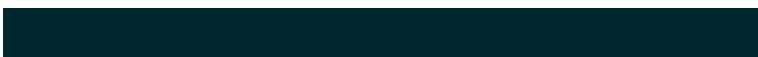
22.4225, 0.2028, 0.1932



14.5229, 0.2982, 0.3258



25.0525, 0.2131, 0.2872



1.7058, 0.2152, 0.2946

Previews

White Background



This preview shows how the Yxy color 23.3832, 0.5134, 0.3494 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 23.3832, 0.5134, 0.3494 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 23.3832, 0.5134, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 23.3832, 0.5134, 0.3494.



This preview shows how white text looks on a background with the Yxy color 23.3832, 0.5134, 0.3494.

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

23.3832, 0.5134, 0.3494

Protanopia

23.5161, 0.3756, 0.4039

Deuteranopia

23.4765, 0.4272, 0.4194



Tritanopia

23.3725, 0.4875, 0.3229

Trichromacy



Original Color

23.3832, 0.5134, 0.3494

Protanomaly

22.3676, 0.4264, 0.3801

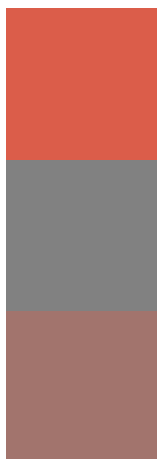
Deuteranomaly

22.8940, 0.4601, 0.3901

Tritanomaly

23.4024, 0.4979, 0.3328

Monochromacy



Original Color

23.3832, 0.5134, 0.3494

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2763, 0.3825, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3832, 0.5134, 0.3494 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(219, 93, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 93, 74) }
```

Border

The CSS property to change the border of an element to Yxy 23.3832, 0.5134, 0.3494 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, 74) }
```

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

```
.border{ border-color:rgb(219, 93, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 93, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 93, 74);  
box-shadow:4px 4px 4px 4px rgb(219, 93,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3832, 0.5134, 0.3494 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, 74) }
```

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

```
.background{ background-color: rgb(219, 93,  
74) }
```

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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