

Converting Colors

$Yxy(23.3193, 0.5079, 0.3482)$

Have a look what the booklet for
Yxy(23.3193, 0.5079, 0.3482)
contains.

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Color

Yxy(23.2929, 0.5070, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	D95E4D
RGB	217, 94, 77
RGB Percent	85%, 37%, 30%
CMY	0.1491, 0.6313, 0.6981
CMYK	0.00, 0.57, 0.65, 0.15
HSL	7°, 65%, 58%
HSV	7°, 65%, 85%
XYZ	33.9549, 23.2929, 9.7244
YIQ	128.8390, 78.7650, 20.7890

Conversions

Conversions Part 2

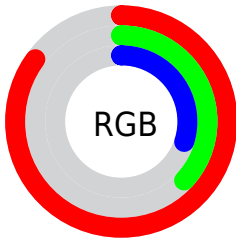
Format	Color
R_{YB}	217, 96, 77
Decimal	14245453
CIE _{Lab}	55.37, 47.14, 33.66
CIE _{LCh}	55, 57.921, 35.528
Yxy	23.2929, 0.5070, 0.3478
Android (android.graphics.Color)	4292435533 (0xFFD95E4D)
YUV	128.8390, -25.5566, 77.3172
Hunter-Lab	48.2627, 41.1225, 21.8377

Details

The Yxy color **23.2929, 0.5070, 0.3478** 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 **47.8746, 0.2306, 0.3048**, and the grayscale version is **21.9656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9462, 0.4454, 0.3520**, and **8.6898, 0.5734, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **20.0552, 0.5513, 0.3474**, and if you desaturate by 10%, it is **27.4722, 0.4634, 0.3463**.

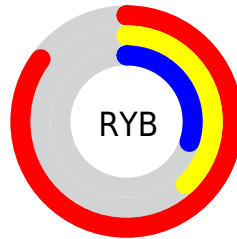
Distribution



Red (85%)

Green (37%)

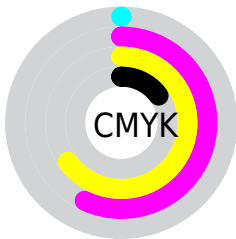
Blue (30%)



Red (85%)

Yellow (38%)

Blue (30%)

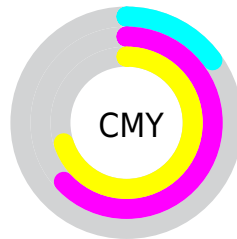


Cyan (0%)

Magenta (57%)

Yellow (65%)

Black (15%)



Cyan (15%)


Magenta (63%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2929, 0.5070, 0.3478 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 23.2929, 0.5070, 0.3478 by changing the saturation by 10% instead.


 23.2929, 0.5070,
0.3478

 23.2929, 0.5070,
0.3478


269.2258, 0.3995,
0.3452


 14.8099, 0.5361,
0.3449


 48.8738, 0.4659,
0.3492


 8.6861, 0.5738,
0.3384


 66.7406, 0.4510,
0.3490

 4.5370, 0.6244,
0.3251

 88.5040, 0.4387,
0.3485

 1.9783, 0.6998,
0.3002

 114.5486, 0.4283,
0.3479

 0.5948, 0.7754,
0.2246

 145.2587, 0.4195,
0.3472

 0.0000, 1.0000,
0.0000

181.0186, 0.4119,

 0.0000, 0.0000,

0.3465

0.0000

222.2129, 0.4053,
0.3459

■ 23.2929, 0.5070,
0.3478

■ 23.2929, 0.5070,
0.3478

■ 20.0552, 0.5513,
0.3474

■ 27.4722, 0.4634,
0.3463

■ 17.6818, 0.5909,
0.3448

■ 32.6547, 0.4241,
0.3437

■ 16.0896, 0.6198,
0.3400

■ 38.9013, 0.3903,
0.3404

■ 15.5067, 0.6307,
0.3374

■ 46.2670, 0.3621,
0.3370

■ 54.8028, 0.3389,
0.3336

■ 64.5568, 0.3201,
0.3304

■ 75.5742, 0.3047,
0.3274

■ 87.8980, 0.2921,
0.3247

■ 93.4901, 0.2900,
0.3289

Harmonies

Analogous

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



23.2929, 0.4497, 0.2826



23.2929, 0.5070, 0.3478



23.2929, 0.4973, 0.4177

Triad

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



23.2929, 0.5070, 0.3478



23.2929, 0.2564, 0.4742



23.2929, 0.1840, 0.1834

Complementary

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



23.2929, 0.5070, 0.3478



47.8746, 0.2306, 0.3048

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.



23.2929, 0.1515, 0.2033



23.2929, 0.5070, 0.3478



23.2929, 0.1852, 0.3631

Square

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



23.2929, 0.5070, 0.3478



23.2929, 0.3484, 0.5189



23.2929, 0.1508, 0.2614



23.2929, 0.2506, 0.1931

Rectangle

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



23.2929, 0.5070, 0.3478



23.2929, 0.4606, 0.4639



23.2929, 0.1508, 0.2614



23.2929, 0.1695, 0.1865

Sweetspot

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



23.2942, 0.5070, 0.3478



73.0526, 0.3491, 0.3351



24.2565, 0.3381, 0.1963



14.8879, 0.3559, 0.3361



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.



23.2942, 0.5070, 0.3478



27.6883, 0.5647, 0.3469



41.5941, 0.4422, 0.4267



13.3054, 0.3289, 0.3319



9.4698, 0.6291, 0.3387



0.6997, 0.6049, 0.3579

Inverse Universe

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



47.8746, 0.2306, 0.3048



65.3535, 0.2217, 0.2992



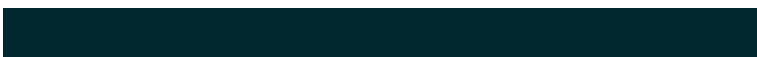
22.7258, 0.2054, 0.1973



14.5450, 0.2982, 0.3261



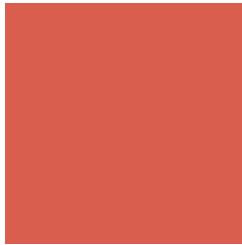
25.5878, 0.2140, 0.2903



1.7354, 0.2159, 0.2972

Previews

White Background



This preview shows how the Yxy color 23.2929, 0.5070, 0.3478 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 23.2929, 0.5070, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

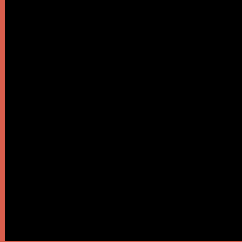
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.2929, 0.5070, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 23.2929, 0.5070, 0.3478.



This preview shows how white text looks on a background with the Yxy color 23.2929, 0.5070, 0.3478.

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

23.2929, 0.5070, 0.3478

Protanopia

23.4771, 0.3711, 0.3992

Deuteranopia

23.4202, 0.4220, 0.4147



Tritanopia

23.2507, 0.4833, 0.3228

Trichromacy



Original Color

23.2929, 0.5070, 0.3478

Protanomaly

22.5397, 0.4207, 0.3776

Deuteranomaly

22.8098, 0.4556, 0.3869

Tritanomaly

23.2979, 0.4925, 0.3317

Monochromacy



Original Color

23.2929, 0.5070, 0.3478

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1936, 0.3799, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2929, 0.5070, 0.3478 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(217, 94, 77)` looks like.

```
.text, #text, p{  
    color:rgb(217, 94, 77)  
}
```

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(217, 94, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 94, 77) }
```

Border

The CSS property to change the border of an element to Yxy 23.2929, 0.5070, 0.3478 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(217, 94, 77) }
```

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

```
.border{ border-color:rgb(217, 94, 77) }
```

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

Here you see how a box with a 4 pixel rgb(217, 94, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 94, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 94, 77);  
box-shadow:4px 4px 4px 4px rgb(217, 94,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2929, 0.5070, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 94, 77) }
```

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

```
.background{ background-color: rgb(217, 94,  
77) }
```

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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