

Converting Colors

$Yxy(23.4949, 0.5776, 0.3378)$

Have a look what the booklet for
Yxy(23.4949, 0.5776, 0.3378)
contains.

Yxy(23.5752, 0.5772, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.5752, 0.5772, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	F54236
RGB	245, 66, 54
RGB Percent	96%, 26%, 21%
CMY	0.0392, 0.7411, 0.7881
CMYK	0.00, 0.73, 0.78, 0.04
HSL	4°, 91%, 59%
HSV	4°, 78%, 96%
XYZ	40.2711, 23.5752, 5.9235
YIQ	118.1530, 110.5360, 34.2160

Conversions

Conversions Part 2

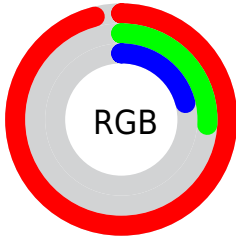
Format	Color
R_{YB}	245, 67, 54
Decimal	16073270
CIE _{Lab}	55.66, 66.66, 47.77
CIE _{LCh}	56, 82.009, 35.626
Yxy	23.5752, 0.5772, 0.3379
Android (android.graphics.Color)	4294263350 (0xFFFF54236)
YUV	118.1530, -31.6274, 111.2448
Hunter-Lab	48.5543, 63.0785, 26.7548

Details

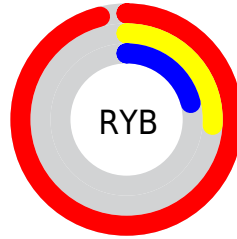
The Yxy color **23.5752, 0.5772, 0.3379** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **65.6760, 0.2252, 0.3136**, and the grayscale version is **18.2452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1410, 0.4853, 0.3528**, and **9.7208, 0.6353, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **21.2348, 0.6128, 0.3358**, and if you desaturate by 10%, it is **27.1107, 0.5326, 0.3388**.

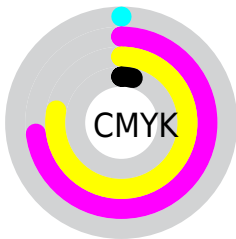
Distribution



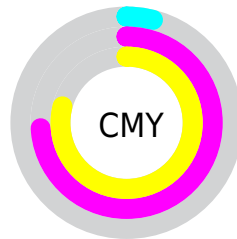
- Red (96%)
- Green (26%)
- Blue (21%)



- Red (96%)
- Yellow (26%)
- Blue (21%)



- Cyan (0%)
- Magenta (73%)
- Yellow (78%)
- Black (4%)





- Cyan (4%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5752, 0.5772, 0.3379 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 23.5752, 0.5772, 0.3379 by changing the saturation by 10% instead.


 23.5752, 0.5772,
0.3379


 23.5752, 0.5772,
0.3379


270.6657, 0.4357,
0.3485


 15.0188, 0.6115,
0.3288


 49.3361, 0.5255,
0.3464


 8.8326, 0.6529,
0.3131


 67.3094, 0.5060,
0.3481


 4.6321, 0.7102,
0.2898

 89.1904, 0.4895,
0.3490

 2.0331, 0.7581,
0.2419

 115.3636, 0.4755,
0.3494

 0.6266, 0.8326,
0.1674

 146.2133, 0.4634,
0.3494

 0.0000, 1.0000,
0.0000


 182.1240, 0.4529,


 0.0000, 0.0000,


0.3492


0.0000


223.4800, 0.4437,
0.3489

 23.5752, 0.5772,
0.3379


 23.5752, 0.5772,
0.3379


 21.2348, 0.6128,
0.3358


 27.1107, 0.5326,
0.3388


 19.9265, 0.6338,
0.3329


 31.9674, 0.4859,
0.3384

 19.7640, 0.6367,
0.3326


 38.2601, 0.4423,
0.3373


 46.0898, 0.4044,
0.3356

 55.5488, 0.3728,
0.3338

 66.7217, 0.3471,
0.3320

 79.6874, 0.3263,
0.3303

 94.5200, 0.3096,
0.3287

 98.1524, 0.3066,
0.3290

Harmonies

Analogous

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



23.5752, 0.5040, 0.2624



23.5752, 0.5772, 0.3379



23.5752, 0.5488, 0.4227

Triad

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



23.5752, 0.5772, 0.3379



23.5752, 0.2262, 0.5462



23.5752, 0.1464, 0.1426

Complementary

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



23.5752, 0.5772, 0.3379



65.6760, 0.2252, 0.3136

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.



23.5752, 0.1088, 0.1621



23.5752, 0.5772, 0.3379



23.5752, 0.1405, 0.3712

Square

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



23.5752, 0.5772, 0.3379



23.5752, 0.3417, 0.5951



23.5752, 0.1051, 0.2293



23.5752, 0.2273, 0.1554

Rectangle

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



23.5752, 0.5772, 0.3379



23.5752, 0.4920, 0.4874



23.5752, 0.1051, 0.2293



23.5752, 0.1297, 0.1451

Sweetspot

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



23.5766, 0.5772, 0.3379



66.5814, 0.3596, 0.3329



28.0792, 0.3302, 0.1716



13.3317, 0.3692, 0.3336



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.



23.5766, 0.5772, 0.3379



22.2401, 0.6277, 0.3340



44.4995, 0.4848, 0.4252



16.6490, 0.3292, 0.3305



10.7127, 0.6356, 0.3335



0.9989, 0.6246, 0.3423

Inverse Universe

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



65.6760, 0.2252, 0.3136



69.6338, 0.2201, 0.3102



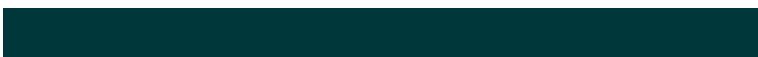
26.1268, 0.1908, 0.1821



18.5695, 0.2981, 0.3275



34.0123, 0.2193, 0.3093



3.0422, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 23.5752, 0.5772, 0.3379 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 23.5752, 0.5772, 0.3379 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 23.5752, 0.5772, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 23.5752, 0.5772, 0.3379.



This preview shows how white text looks on a background with the Yxy color 23.5752, 0.5772, 0.3379.

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

23.5752, 0.5772, 0.3379

Protanopia

23.7477, 0.3930, 0.4282

Deuteranopia

23.6568, 0.4544, 0.4457



Tritanopia

23.4845, 0.5649, 0.3276

Trichromacy



Original Color

23.5752, 0.5772, 0.3379

Protanomaly

21.4098, 0.4687, 0.3858

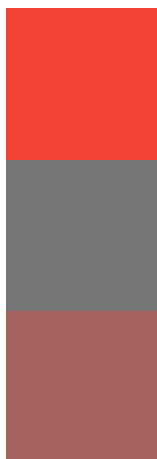
Deuteranomaly

22.0284, 0.5092, 0.3965

Tritanomaly

23.5409, 0.5698, 0.3319

Monochromacy



Original Color

23.5752, 0.5772, 0.3379

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6424, 0.4155, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5752, 0.5772, 0.3379 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(245, 66, 54)` looks like.

```
.text, #text, p{  
  color:rgb(245, 66, 54)  
}
```

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(245, 66, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 66, 54) }
```

Border

The CSS property to change the border of an element to Yxy 23.5752, 0.5772, 0.3379 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(245, 66, 54) }
```

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

```
.border{ border-color:rgb(245, 66, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 66, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 66, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 66, 54);  
box-shadow:4px 4px 4px 4px rgb(245, 66,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5752, 0.5772, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 66, 54) }
```

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

```
.background{ background-color: rgb(245, 66,  
54) }
```

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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