

Converting Colors

$Yxy(25.1453, 0.5773, 0.3387)$

Have a look what the booklet for
Yxy(25.1453, 0.5773, 0.3387)
contains.

Yxy(25.2275, 0.5774, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.2275, 0.5774, 0.3390)$

Conversions

Conversions Part 1

Format	Color
Hex	FC4537
RGB	252, 69, 55
RGB Percent	99%, 27%, 22%
CMY	0.0117, 0.7295, 0.7842
CMYK	0.00, 0.73, 0.78, 0.01
HSL	4°, 97%, 60%
HSV	4°, 78%, 99%
XYZ	42.9686, 25.2275, 6.2213
YIQ	122.1210, 113.5620, 34.4420

Conversions

Conversions Part 2

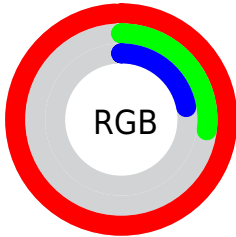
Format	Color
R_{YB}	252, 70, 55
Decimal	16532791
CIE _{Lab}	57.30, 67.81, 49.34
CIE _{LCh}	57, 83.862, 36.041
Yxy	25.2275, 0.5774, 0.3390
Android (android.graphics.Color)	4294722871 (0xFFFC4537)
YUV	122.1210, -33.0907, 113.9039
Hunter-Lab	50.2270, 64.8075, 27.8150

Details

The Yxy color **25.2275, 0.5774, 0.3390** 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 **69.0256, 0.2245, 0.3115**, and the grayscale version is **19.5843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.9600, 0.4810, 0.3539**, and **10.5823, 0.6356, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **22.7121, 0.6127, 0.3366**, and if you desaturate by 10%, it is **29.0047, 0.5330, 0.3400**.

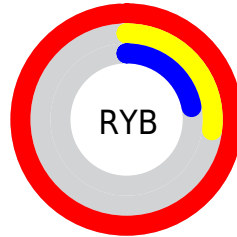
Distribution



Red (99%)

Green (27%)

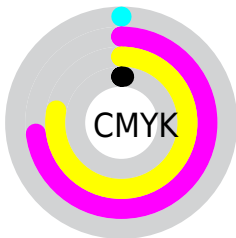
Blue (22%)



Red (99%)

Yellow (27%)

Blue (22%)

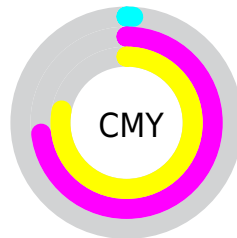


Cyan (0%)

Magenta (73%)

Yellow (78%)

Black (1%)



Cyan (1%)


Magenta (73%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2275, 0.5774, 0.3390 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 25.2275, 0.5774, 0.3390 by changing the saturation by 10% instead.


 25.2275, 0.5774,
0.3390


 25.2275, 0.5774,
0.3390


278.9690, 0.4374,
0.3492


 16.2466, 0.6107,
0.3301


 52.0261, 0.5268,
0.3473


 9.6988, 0.6508,
0.3151


 70.6125, 0.5075,
0.3490

 5.1997, 0.7066,
0.2934

 93.1697, 0.4911,
0.3498

 2.3649, 0.7521,
0.2479

 120.0818, 0.4772,
0.3502

 0.8078, 0.8176,
0.1824

 151.7335, 0.4651,
0.3502

 0.0000, 1.0000,
0.0000

 188.5090, 0.4547,

 0.0000, 0.0000,

0.3500

0.0000

230.7927, 0.4455,
0.3497

■ 25.2275, 0.5774,
0.3390

■ 25.2275, 0.5774,
0.3390

■ 22.7121, 0.6127,
0.3366

■ 29.0047, 0.5330,
0.3400

■ 21.2888, 0.6336,
0.3333


■ 34.1753, 0.4865,
0.3397

■ 21.1274, 0.6362,
0.3330


■ 40.8590, 0.4430,
0.3384

■ 49.1617, 0.4051,
0.3365

■ 59.1795, 0.3734,
0.3345

 71.0013, 0.3476,
0.3324

 84.7097, 0.3267,
0.3305

 99.4393, 0.3109,
0.3290

Harmonies

Analogous

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



25.2275, 0.5057, 0.2635



25.2275, 0.5774, 0.3390



25.2275, 0.5479, 0.4240

Triad

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



25.2275, 0.5774, 0.3390



25.2275, 0.2248, 0.5442



25.2275, 0.1472, 0.1426

Complementary

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



25.2275, 0.5774, 0.3390



69.0256, 0.2245, 0.3115

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.



25.2275, 0.1091, 0.1616



25.2275, 0.5774, 0.3390



25.2275, 0.1397, 0.3687

Square

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



25.2275, 0.5774, 0.3390



25.2275, 0.3400, 0.5954



25.2275, 0.1049, 0.2279



25.2275, 0.2288, 0.1558

Rectangle

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



25.2275, 0.5774, 0.3390



25.2275, 0.4906, 0.4888



25.2275, 0.1049, 0.2279



25.2275, 0.1304, 0.1450

Sweetspot

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



25.2290, 0.5774, 0.3390



66.8051, 0.3594, 0.3334



29.6587, 0.3338, 0.1734



13.3840, 0.3691, 0.3342



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.



25.2290, 0.5774, 0.3390



22.3439, 0.6268, 0.3347



48.4856, 0.4824, 0.4284



17.4226, 0.3292, 0.3307



11.0780, 0.6350, 0.3340



1.0926, 0.6233, 0.3433

Inverse Universe

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



69.0256, 0.2245, 0.3115



68.4804, 0.2194, 0.3077



26.7114, 0.1892, 0.1768



19.3855, 0.2980, 0.3273



34.4484, 0.2185, 0.3067



3.2518, 0.2193, 0.3095

Previews

White Background



This preview shows how the Yxy color 25.2275, 0.5774, 0.3390 looks on a white background.

Color Contrast Check

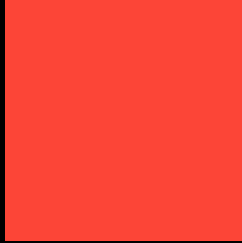
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2275, 0.5774, 0.3390 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 25.2275, 0.5774, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 25.2275, 0.5774, 0.3390.



This preview shows how white text looks on a background with the Yxy color 25.2275, 0.5774, 0.3390.

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

25.2275, 0.5774, 0.3390

Protanopia

25.3604, 0.3951, 0.4299

Deuteranopia

25.2769, 0.4546, 0.4462



Tritanopia

25.1520, 0.5634, 0.3276

Trichromacy



Original Color

25.2275, 0.5774, 0.3390

Protanomaly

22.9190, 0.4690, 0.3882

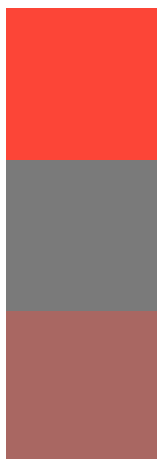
Deuteranomaly

23.4789, 0.5102, 0.3965

Tritanomaly

25.2113, 0.5682, 0.3319

Monochromacy



Original Color

25.2275, 0.5774, 0.3390

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0174, 0.4150, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2275, 0.5774, 0.3390 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(252, 69, 55)` looks like.

```
.text, #text, p{  
    color:rgb(252, 69, 55)  
}
```

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(252, 69, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 69, 55) }
```

Border

The CSS property to change the border of an element to Yxy 25.2275, 0.5774, 0.3390 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(252, 69, 55) }
```

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

```
.border{ border-color:rgb(252, 69, 55) }
```

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

Here you see how a box with a 4 pixel rgb(252, 69, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 69, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 69, 55);  
box-shadow:4px 4px 4px 4px rgb(252, 69,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2275, 0.5774, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 69, 55) }
```

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

```
.background{ background-color: rgb(252, 69,  
55) }
```

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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