

Converting Colors

Yxy(24.9136, 0.5845, 0.3339)

Have a look what the booklet for
Yxy(24.9136, 0.5845, 0.3339)
contains.

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Color

Yxy(24.8733, 0.5845, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D37
RGB	255, 61, 55
RGB Percent	100%, 24%, 22%
CMY	0.0001, 0.7606, 0.7844
CMYK	0.00, 0.76, 0.78, 0.00
HSL	2°, 100%, 61%
HSV	2°, 78%, 100%
XYZ	43.5935, 24.8733, 6.1158
YIQ	118.3220, 117.5500, 39.2620

Conversions

Conversions Part 2

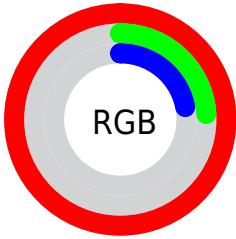
Format	Color
R_{YB}	255, 61, 55
Decimal	16727351
CIE _{Lab}	56.95, 71.15, 49.19
CIE _{LCh}	57, 86.494, 34.657
Yxy	24.8733, 0.5845, 0.3335
Android (android.graphics.Color)	4294917431 (0xFFFF3D37)
YUV	118.3220, -31.2177, 119.8666
Hunter-Lab	49.8731, 68.7468, 27.6407

Details

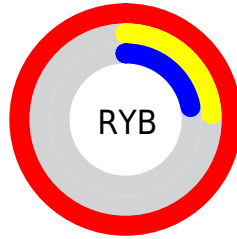
The Yxy color **24.8733, 0.5845, 0.3335** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.7335, 0.2270, 0.3214**, and the grayscale version is **18.3015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4052, 0.4865, 0.3488**, and **10.8385, 0.6352, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **22.6291, 0.6185, 0.3324**, and if you desaturate by 10%, it is **28.4622, 0.5399, 0.3340**.

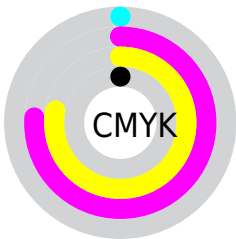
Distribution



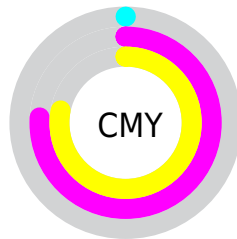
- Red (100%)
- Green (24%)
- Blue (22%)



- Red (100%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (0%)




- Cyan (0%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8733, 0.5845, 0.3335 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 24.8733, 0.5845, 0.3335 by changing the saturation by 10% instead.


 24.8733, 0.5845,
0.3335


 24.8733, 0.5845,
0.3335


277.2064, 0.4407,
0.3471


 15.9827, 0.6187,
0.3237


 51.4516, 0.5325,
0.3431

 9.5119, 0.6596,
0.3075


 69.9081, 0.5127,
0.3453


 5.0766, 0.7160,
0.2840

 92.3220, 0.4959,
0.3465

 2.2923, 0.7627,
0.2373

 119.0777, 0.4816,
0.3472

 0.7696, 0.8294,
0.1706

 150.5596, 0.4692,
0.3475

 0.0000, 1.0000,
0.0000

 187.1520, 0.4584,

 0.0000, 0.0000,

0.3475

0.0000

229.2395, 0.4490,
0.3474

■ 24.8733, 0.5845,
0.3335

■ 24.8733, 0.5845,
0.3335

■ 22.6291, 0.6185,
0.3324

■ 28.4622, 0.5399,
0.3340

■ 21.5187, 0.6368,
0.3311

■ 33.5563, 0.4921,
0.3338


■ 21.4245, 0.6386,
0.3311

■ 40.2985, 0.4470,
0.3332

■ 48.8138, 0.4078,
0.3324

■ 59.2153, 0.3751,
0.3315

 71.6064, 0.3486,
0.3306

 86.0835, 0.3273,
0.3297

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



24.8733, 0.5064, 0.2576



24.8733, 0.5845, 0.3335



24.8733, 0.5562, 0.4191

Triad

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



24.8733, 0.5845, 0.3335



24.8733, 0.2258, 0.5600



24.8733, 0.1405, 0.1383

Complementary

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



24.8733, 0.5845, 0.3335



75.7335, 0.2270, 0.3214

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.



24.8733, 0.1037, 0.1589



24.8733, 0.5845, 0.3335



24.8733, 0.1374, 0.3781

Square

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



24.8733, 0.5845, 0.3335



24.8733, 0.3438, 0.6025



24.8733, 0.1007, 0.2288



24.8733, 0.2211, 0.1504

Rectangle

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



24.8733, 0.5845, 0.3335



24.8733, 0.4979, 0.4856



24.8733, 0.1007, 0.2288



24.8733, 0.1241, 0.1411

Sweetspot

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



24.8748, 0.5845, 0.3335



64.4704, 0.3626, 0.3311



30.9937, 0.3237, 0.1669



12.8907, 0.3726, 0.3314



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.



24.8748, 0.5845, 0.3335



21.8910, 0.6306, 0.3316



46.0944, 0.4930, 0.4192



18.0752, 0.3294, 0.3298



11.2346, 0.6380, 0.3316



1.1236, 0.6330, 0.3356

Inverse Universe

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



75.7335, 0.2270, 0.3214



74.2963, 0.2228, 0.3199



30.3738, 0.1925, 0.1898



20.3814, 0.2980, 0.3282



38.6607, 0.2221, 0.3195



3.7928, 0.2224, 0.3206

Previews

White Background



This preview shows how the Yxy color 24.8733, 0.5845, 0.3335 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 24.8733, 0.5845, 0.3335 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 24.8733, 0.5845, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 24.8733, 0.5845, 0.3335.



This preview shows how white text looks on a background with the Yxy color 24.8733, 0.5845, 0.3335.

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

24.8733, 0.5845, 0.3335

Protanopia

24.9112, 0.3915, 0.4266

Deuteranopia

24.8891, 0.4553, 0.4465



Tritanopia

24.8395, 0.5783, 0.3285

Trichromacy



Original Color

24.8733, 0.5845, 0.3335

Protanomaly

22.0583, 0.4721, 0.3817

Deuteranomaly

22.8492, 0.5148, 0.3936

Tritanomaly

24.8075, 0.5813, 0.3304

Monochromacy



Original Color

24.8733, 0.5845, 0.3335

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7004, 0.4223, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8733, 0.5845, 0.3335 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(255, 61, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 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(255, 61, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 55) }
```

Border

The CSS property to change the border of an element to Yxy 24.8733, 0.5845, 0.3335 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(255, 61, 55) }
```

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

```
.border{ border-color:rgb(255, 61, 55) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8733, 0.5845, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 55) }
```

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

```
.background{ background-color: rgb(255, 61,  
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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