

Converting Colors

$Yxy(25.4287, 0.5754, 0.3326)$

Have a look what the booklet for
Yxy(25.4287, 0.5754, 0.3326)
contains.

Yxy(25.4934, 0.5753, 0.3331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4934, 0.5753, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	FF423D
RGB	255, 66, 61
RGB Percent	100%, 26%, 24%
CMY	0.0000, 0.7411, 0.7609
CMYK	0.00, 0.74, 0.76, 0.00
HSL	2°, 100%, 62%
HSV	2°, 76%, 100%
XYZ	44.0299, 25.4934, 7.0105
YIQ	121.9410, 114.2490, 38.5130

Conversions

Conversions Part 2

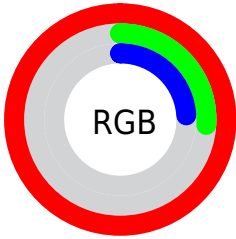
Format	Color
RYB	255, 66, 61
Decimal	16728637
CIELab	57.55, 69.84, 46.66
CIELCh	58, 83.989, 33.745
Yxy	25.4934, 0.5753, 0.3331
Android (android.graphics.Color)	4294918717 (0xFFFF423D)
YUV	121.9410, -30.0439, 116.6927
Hunter-Lab	50.4910, 67.2989, 27.1115

Details

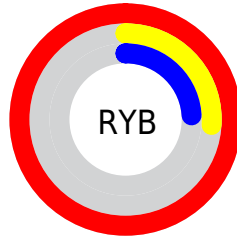
The Yxy color **25.4934, 0.5753, 0.3331** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **76.5517, 0.2282, 0.3227**, and the grayscale version is **19.5157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5645, 0.4760, 0.3463**, and **10.9846, 0.6310, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **22.9825, 0.6123, 0.3323**, and if you desaturate by 10%, it is **29.3966, 0.5292, 0.3334**.

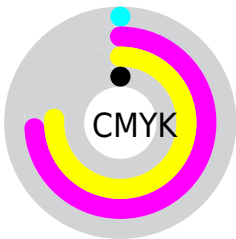
Distribution



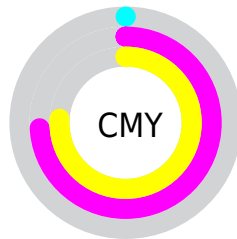
- Red (100%)
- Green (26%)
- Blue (24%)



- Red (100%)
- Yellow (26%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4934, 0.5753, 0.3331 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 25.4934, 0.5753, 0.3331 by changing the saturation by 10% instead.


 25.4934, 0.5753,
0.3331


 25.4934, 0.5753,
0.3331


280.2863, 0.4359,
0.3455

 16.4450, 0.6090,
0.3242


 52.4565, 0.5246,
0.3418

 9.8396, 0.6498,
0.3094


 71.1401, 0.5054,
0.3438


 5.2927, 0.7082,
0.2885

 93.8042, 0.4891,
0.3449

 2.4200, 0.7561,
0.2439

 120.8332, 0.4753,
0.3455

 0.8362, 0.8207,
0.1793

 152.6115, 0.4634,
0.3458

 0.0000, 1.0000,
0.0000

 189.5235, 0.4530,


 0.0000, 0.0000,


0.3458

0.0000

231.9537, 0.4439,
0.3457


 25.4934, 0.5753,
0.3331


 25.4934, 0.5753,
0.3331


 22.9825, 0.6123,
0.3323


 29.3966, 0.5292,
0.3334


 21.6626, 0.6340,
0.3311

 34.8486, 0.4815,
0.3331

 21.4039, 0.6388,
0.3310

 41.9900, 0.4375,
0.3325

 50.9446, 0.3997,
0.3318

 61.8245, 0.3684,
0.3310

 74.7327, 0.3432,
0.3302

 89.7648, 0.3230,
0.3294

99.9999, 0.3127,
0.3290

Harmonies

Analogous

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



25.4934, 0.4958, 0.2581



25.4934, 0.5753, 0.3331



25.4934, 0.5526, 0.4170

Triad

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



25.4934, 0.5753, 0.3331



25.4934, 0.2332, 0.5537



25.4934, 0.1432, 0.1431

Complementary

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



25.4934, 0.5753, 0.3331



76.5517, 0.2282, 0.3227

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.



25.4934, 0.1078, 0.1649



25.4934, 0.5753, 0.3331



25.4934, 0.1447, 0.3824

Square

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



25.4934, 0.5753, 0.3331



25.4934, 0.3492, 0.5923



25.4934, 0.1063, 0.2360



25.4934, 0.2209, 0.1540

Rectangle

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



25.4934, 0.5753, 0.3331



25.4934, 0.4980, 0.4811



25.4934, 0.1063, 0.2360



25.4934, 0.1273, 0.1463

Sweetspot

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



25.4949, 0.5753, 0.3331



65.5930, 0.3600, 0.3307



31.6075, 0.3234, 0.1691



13.1009, 0.3699, 0.3310



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.



25.4949, 0.5753, 0.3331



22.1998, 0.6251, 0.3317



47.1625, 0.4870, 0.4187



18.0627, 0.3294, 0.3297



11.2168, 0.6383, 0.3314



1.1176, 0.6340, 0.3348

Inverse Universe

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



76.5517, 0.2282, 0.3227



75.1296, 0.2236, 0.3214



31.5708, 0.1951, 0.1946



20.3955, 0.2980, 0.3283



39.0059, 0.2225, 0.3208



3.8225, 0.2227, 0.3218

Previews

White Background



This preview shows how the Yxy color 25.4934, 0.5753, 0.3331 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 25.4934, 0.5753, 0.3331 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 25.4934, 0.5753, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 25.4934, 0.5753, 0.3331.



This preview shows how white text looks on a background with the Yxy color 25.4934, 0.5753, 0.3331.

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

25.4934, 0.5753, 0.3331

Protanopia

25.6691, 0.3854, 0.4200

Deuteranopia

25.6002, 0.4487, 0.4415



Tritanopia

25.4579, 0.5686, 0.3277

Trichromacy



Original Color

25.4934, 0.5753, 0.3331

Protanomaly

22.9152, 0.4631, 0.3783

Deuteranomaly

23.6787, 0.5052, 0.3905

Tritanomaly

25.4222, 0.5718, 0.3298

Monochromacy



Original Color

25.4934, 0.5753, 0.3331

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.9689, 0.4140, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4934, 0.5753, 0.3331 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, 66, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 61)  
}
```

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, 66, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 61) }
```

Border

The CSS property to change the border of an element to Yxy 25.4934, 0.5753, 0.3331 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, 66, 61) }
```

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

```
.border{ border-color:rgb(255, 66, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4934, 0.5753, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 61) }
```

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

```
.background{ background-color: rgb(255, 66,  
61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor