

Converting Colors

$Yxy(24.9133, 0.5807, 0.3311)$

Have a look what the booklet for
Yxy(24.9133, 0.5807, 0.3311)
contains.

Yxy(24.9133, 0.5807, 0.3311)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.9133, 0.5807, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D3B
RGB	255, 61, 59
RGB Percent	100%, 24%, 23%
CMY	0.0000, 0.7606, 0.7688
CMYK	0.00, 0.76, 0.77, 0.00
HSL	1°, 100%, 62%
HSV	1°, 77%, 100%
XYZ	43.6942, 24.9133, 6.6365
YIQ	118.7780, 116.2660, 40.5060

Conversions

Conversions Part 2

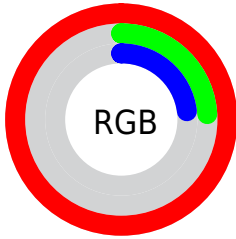
Format	Color
R_{YB}	255, 61, 59
Decimal	16727355
CIE _{Lab}	56.99, 71.28, 47.14
CIE _{LCh}	57, 85.453, 33.478
Yxy	24.9133, 0.5807, 0.3311
Android (android.graphics.Color)	4294917435 (0xFFFF3D3B)
YUV	118.7780, -29.4706, 119.4667
Hunter-Lab	49.9132, 68.9114, 27.0560

Details

The Yxy color **24.9133, 0.5807, 0.3311** 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 **78.3339, 0.2288, 0.3263**, and the grayscale version is **18.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4875, 0.4821, 0.3451**, and **10.8505, 0.6323, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **22.6206, 0.6163, 0.3308**, and if you desaturate by 10%, it is **28.6032, 0.5349, 0.3312**.

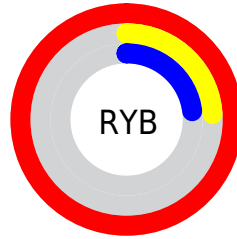
Distribution



Red (100%)

Green (24%)

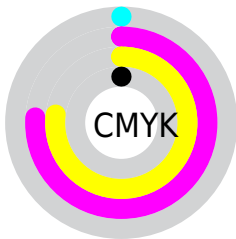
Blue (23%)



Red (100%)

Yellow (24%)

Blue (23%)

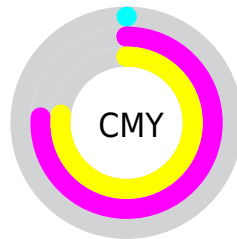


Cyan (0%)

Magenta (76%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9133, 0.5807, 0.3311 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 24.9133, 0.5807, 0.3311 by changing the saturation by 10% instead.


 24.9133, 0.5807,
0.3311

 24.9133, 0.5807,
0.3311


277.4059, 0.4383,
0.3451


 16.0125, 0.6150,
0.3215


 51.5165, 0.5289,
0.3406


 9.5330, 0.6565,
0.3058


 69.9877, 0.5093,
0.3428


 5.0904, 0.7162,
0.2838

 92.4178, 0.4927,
0.3441

 2.3004, 0.7628,
0.2372

 119.1913, 0.4785,
0.3448

 0.7739, 0.8293,
0.1707

 150.6924, 0.4663,
0.3452

 0.0000, 1.0000,
0.0000


 187.3056, 0.4558,


 0.0000, 0.0000,


0.3453


0.0000


229.4153, 0.4465,
0.3453


 24.9133, 0.5807,
0.3311


 24.9133, 0.5807,
0.3311


 22.6206, 0.6163,
0.3308


 28.6032, 0.5349,
0.3312

 21.5052, 0.6359,
0.3304


 33.8594, 0.4867,
0.3310


 21.3168, 0.6396,
0.3304

 40.8317, 0.4418,
0.3307

 49.6513, 0.4030,
0.3303

 60.4367, 0.3710,
0.3299

 73.2965, 0.3451,
0.3296

 88.3311, 0.3245,
0.3292

99.9978, 0.3127,
0.3290

Harmonies

Analogous

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



24.9133, 0.4990, 0.2556



24.9133, 0.5807, 0.3311



24.9133, 0.5570, 0.4157

Triad

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



24.9133, 0.5807, 0.3311



24.9133, 0.2315, 0.5616



24.9133, 0.1398, 0.1400

Complementary

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



24.9133, 0.5807, 0.3311



78.3339, 0.2288, 0.3263

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.



24.9133, 0.1045, 0.1621



24.9133, 0.5807, 0.3311



24.9133, 0.1417, 0.3850

Square

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



24.9133, 0.5807, 0.3311



24.9133, 0.3491, 0.5978



24.9133, 0.1031, 0.2343



24.9133, 0.2180, 0.1508

Rectangle

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



24.9133, 0.5807, 0.3311



24.9133, 0.5009, 0.4811



24.9133, 0.1031, 0.2343



24.9133, 0.1240, 0.1433

Sweetspot

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



24.9148, 0.5807, 0.3311



65.1828, 0.3603, 0.3298



31.5998, 0.3203, 0.1664



13.0054, 0.3702, 0.3299



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.



24.9148, 0.5807, 0.3311



21.9208, 0.6285, 0.3306



45.6765, 0.4923, 0.4158



18.0180, 0.3294, 0.3293



11.1531, 0.6393, 0.3306



1.0964, 0.6375, 0.3320

Inverse Universe

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



78.3339, 0.2288, 0.3263



77.3073, 0.2246, 0.3257



32.2510, 0.1954, 0.1975



20.4462, 0.2980, 0.3287



40.2585, 0.2238, 0.3255



3.9301, 0.2239, 0.3259

Previews

White Background



This preview shows how the Yxy color 24.9133, 0.5807, 0.3311 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 24.9133, 0.5807, 0.3311 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 24.9133, 0.5807, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 24.9133, 0.5807, 0.3311.



This preview shows how white text looks on a background with the Yxy color 24.9133, 0.5807, 0.3311.

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

24.9133, 0.5807, 0.3311

Protanopia

24.9845, 0.3865, 0.4191

Deuteranopia

24.9254, 0.4520, 0.4424



Tritanopia

24.9453, 0.5776, 0.3291

Trichromacy



Original Color

24.9133, 0.5807, 0.3311

Protanomaly

22.1231, 0.4662, 0.3758

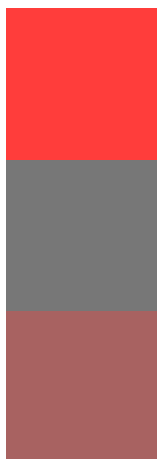
Deuteranomaly

22.8900, 0.5105, 0.3898

Tritanomaly

24.9344, 0.5787, 0.3298

Monochromacy



Original Color

24.9133, 0.5807, 0.3311

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9233, 0.4186, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9133, 0.5807, 0.3311 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 59) }
```

Border

The CSS property to change the border of an element to Yxy 24.9133, 0.5807, 0.3311 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, 59) }
```

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

```
.border{ border-color:rgb(255, 61, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 59);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9133, 0.5807, 0.3311 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, 59) }
```

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

```
.background{ background-color: rgb(255, 61,  
59) }
```

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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