

Converting Colors

$Yxy(24.5475, 0.5900, 0.3340)$

Have a look what the booklet for
Yxy(24.5475, 0.5900, 0.3340)
contains.

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Color

Yxy(24.5251, 0.5902, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	FF3A33
RGB	255, 58, 51
RGB Percent	100%, 23%, 20%
CMY	0.0000, 0.7725, 0.8002
CMYK	0.00, 0.77, 0.80, 0.00
HSL	2°, 100%, 60%
HSV	2°, 80%, 100%
XYZ	43.3504, 24.5251, 5.5749
YIQ	116.1050, 119.6590, 39.5870

Conversions

Conversions Part 2

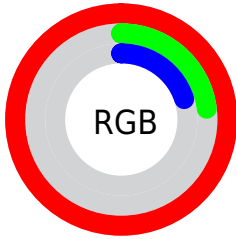
Format	Color
R_{YB}	255, 58, 51
Decimal	16726579
CIE _{Lab}	56.61, 71.90, 50.92
CIE _{LCh}	57, 88.110, 35.307
Yxy	24.5251, 0.5902, 0.3339
Android (android.graphics.Color)	4294916659 (0xFFFF3A33)
YUV	116.1050, -32.0968, 121.8109
Hunter-Lab	49.5228, 69.5874, 27.9916

Details

The Yxy color **24.5251, 0.5902, 0.3339** 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 **75.0161, 0.2261, 0.3202**, and the grayscale version is **17.5724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8356, 0.4923, 0.3505**, and **10.8276, 0.6379, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **22.4421, 0.6220, 0.3326**, and if you desaturate by 10%, it is **27.9184, 0.5468, 0.3346**.

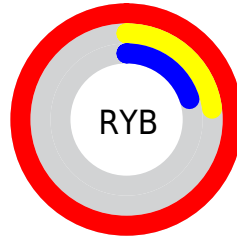
Distribution



Red (100%)

Green (23%)

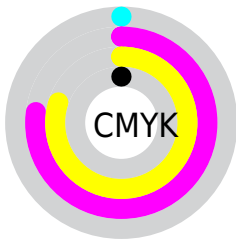
Blue (20%)



Red (100%)

Yellow (23%)

Blue (20%)

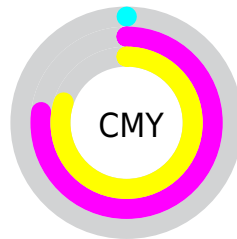


Cyan (0%)

Magenta (77%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5251, 0.5902, 0.3339 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 24.5251, 0.5902, 0.3339 by changing the saturation by 10% instead.


 24.5251, 0.5902,
0.3339


 24.5251, 0.5902,
0.3339


275.4646, 0.4438,
0.3483


 15.7236, 0.6246,
0.3235


 50.8857, 0.5375,
0.3441

 9.3288, 0.6655,
0.3065


 69.2137, 0.5174,
0.3464


 4.9562, 0.7192,
0.2808

 91.4859, 0.5002,
0.3477

 2.2216, 0.7665,
0.2335

 118.0867, 0.4856,
0.3484

 0.7317, 0.8347,
0.1653

 149.4006, 0.4730,
0.3487

 0.0000, 1.0000,
0.0000

 185.8120, 0.4619,

 0.0000, 0.0000,

0.3488

0.0000

227.7051, 0.4523,
0.3486

■ 24.5251, 0.5902,
0.3339

■ 24.5251, 0.5902,
0.3339

■ 22.4421, 0.6220,
0.3326

■ 27.9184, 0.5468,
0.3346

■ 21.4517, 0.6384,
0.3313

■ 32.7857, 0.4991,
0.3345

■ 39.2702, 0.4535,
0.3339

■ 47.4974, 0.4133,
0.3330

■ 57.5806, 0.3797,
0.3320

69.6233, 0.3524,
0.3309

83.7215, 0.3304,
0.3299

99.9648, 0.3127,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.5251, 0.5135, 0.2574



24.5251, 0.5902, 0.3339



24.5251, 0.5580, 0.4205

Triad

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



24.5251, 0.5902, 0.3339



24.5251, 0.2207, 0.5634



24.5251, 0.1390, 0.1354

Complementary

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



24.5251, 0.5902, 0.3339



75.0161, 0.2261, 0.3202

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.



24.5251, 0.1012, 0.1550



24.5251, 0.5902, 0.3339



24.5251, 0.1327, 0.3745

Square

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



24.5251, 0.5902, 0.3339



24.5251, 0.3398, 0.6091



24.5251, 0.0973, 0.2239



24.5251, 0.2216, 0.1483

Rectangle

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



24.5251, 0.5902, 0.3339



24.5251, 0.4975, 0.4889



24.5251, 0.0973, 0.2239



24.5251, 0.1223, 0.1379

Sweetspot

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



24.5262, 0.5902, 0.3339



64.5896, 0.3626, 0.3313



30.4128, 0.3272, 0.1675



12.9183, 0.3725, 0.3317



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.



24.5262, 0.5902, 0.3339



21.7373, 0.6334, 0.3316



46.5625, 0.4935, 0.4226



18.0878, 0.3294, 0.3299



11.2526, 0.6377, 0.3319



1.1296, 0.6320, 0.3364

Inverse Universe

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



75.0161, 0.2261, 0.3202



73.5152, 0.2221, 0.3184



28.5334, 0.1895, 0.1820



20.3671, 0.2980, 0.3281



38.3144, 0.2217, 0.3181



3.7630, 0.2221, 0.3194

Previews

White Background



This preview shows how the Yxy color 24.5251, 0.5902, 0.3339 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 24.5251, 0.5902, 0.3339 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 24.5251, 0.5902, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 24.5251, 0.5902, 0.3339.



This preview shows how white text looks on a background with the Yxy color 24.5251, 0.5902, 0.3339.

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

24.5251, 0.5902, 0.3339

Protanopia

24.5734, 0.3961, 0.4310

Deuteranopia

24.4739, 0.4589, 0.4505



Tritanopia

24.4917, 0.5842, 0.3292

Trichromacy



Original Color

24.5251, 0.5902, 0.3339

Protanomaly

21.7981, 0.4777, 0.3849

Deuteranomaly

22.4103, 0.5212, 0.3947

Tritanomaly

24.4621, 0.5872, 0.3310

Monochromacy



Original Color

24.5251, 0.5902, 0.3339

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.1726, 0.4271, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5251, 0.5902, 0.3339 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, 58, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 51)  
}
```

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, 58, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 51) }
```

Border

The CSS property to change the border of an element to Yxy 24.5251, 0.5902, 0.3339 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, 58, 51) }
```

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

```
.border{ border-color:rgb(255, 58, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 58, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5251, 0.5902, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 51) }
```

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

```
.background{ background-color: rgb(255, 58,  
51) }
```

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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