

Converting Colors

$Yxy(24.4368, 0.5806, 0.3260)$

Have a look what the booklet for
Yxy(24.4368, 0.5806, 0.3260)
contains.

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Color

Yxy(24.4361, 0.5808, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FF383E
RGB	255, 56, 62
RGB Percent	100%, 22%, 24%
CMY	0.0000, 0.7803, 0.7570
CMYK	0.00, 0.78, 0.76, 0.00
HSL	358°, 100%, 61%
HSV	358°, 78%, 100%
XYZ	43.5219, 24.4361, 6.9764
YIQ	116.1850, 116.6780, 44.0540

Conversions

Conversions Part 2

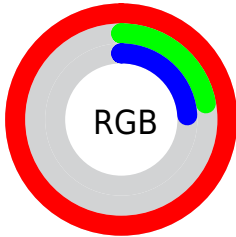
Format	Color
R_{YB}	255, 56, 62
Decimal	16726078
CIE Lab	56.52, 72.79, 45.01
CIE LCh	57, 85.580, 31.729
Yxy	24.4361, 0.5808, 0.3261
Android (android.graphics.Color)	4294916158 (0xFFFF383E)
YUV	116.1850, -26.7132, 121.7408
Hunter-Lab	49.4329, 70.6481, 26.2355

Details

The Yxy color **24.4361, 0.5808, 0.3261** 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 **79.2009, 0.2311, 0.3359**, and the grayscale version is **17.5849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8187, 0.4809, 0.3393**, and **10.8625, 0.6294, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **22.3496, 0.6160, 0.3274**, and if you desaturate by 10%, it is **27.9060, 0.5356, 0.3254**.

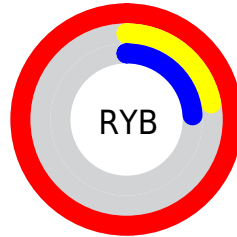
Distribution



Red (100%)

Green (22%)

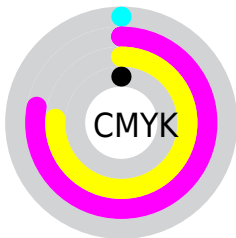
Blue (24%)



Red (100%)

Yellow (22%)

Blue (24%)

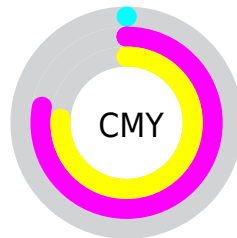


Cyan (0%)

Magenta (78%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (78%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4361, 0.5808, 0.3261 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 24.4361, 0.5808, 0.3261 by changing the saturation by 10% instead.


 24.4361, 0.5808,
0.3261


 24.4361, 0.5808,
0.3261

275.0179, 0.4375,
0.3422


 15.6574, 0.6158,
0.3162


 50.7409, 0.5284,
0.3362

 9.2821, 0.6583,
0.3001


 69.0359, 0.5086,
0.3387


 4.9256, 0.7196,
0.2776

 91.2717, 0.4919,
0.3402

 2.2037, 0.7692,
0.2308

 117.8328, 0.4777,
0.3412

 0.7220, 0.8377,
0.1623

 149.1036, 0.4655,
0.3418

 0.0000, 1.0000,
0.0000

 185.4684, 0.4549,

 0.0000, 0.0000,

0.3421

0.0000

227.3117, 0.4457,
0.3422

■ 24.4361, 0.5808,
0.3261

■ 24.4361, 0.5808,
0.3261

■ 22.3496, 0.6160,
0.3274

■ 27.9060, 0.5356,
0.3254

■ 21.3960, 0.6356,
0.3288

■ 32.9376, 0.4878,
0.3253

■ 21.2757, 0.6380,
0.3288

■ 39.6875, 0.4432,
0.3256

■ 48.2921, 0.4046,
0.3262

■ 58.8739, 0.3727,
0.3269

 71.5452, 0.3469,
0.3277

 86.4097, 0.3262,
0.3284

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



24.4361, 0.4926, 0.2508



24.4361, 0.5808, 0.3261



24.4361, 0.5619, 0.4101

Triad

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



24.4361, 0.5808, 0.3261



24.4361, 0.2372, 0.5709



24.4361, 0.1358, 0.1394

Complementary

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



24.4361, 0.5808, 0.3261



79.2009, 0.2311, 0.3359

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.



24.4361, 0.1026, 0.1637



24.4361, 0.5808, 0.3261



24.4361, 0.1444, 0.3965

Square

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



24.4361, 0.5808, 0.3261



24.4361, 0.3558, 0.5968



24.4361, 0.1030, 0.2399



24.4361, 0.2113, 0.1485

Rectangle

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



24.4361, 0.5808, 0.3261



24.4361, 0.5073, 0.4753



24.4361, 0.1030, 0.2399



24.4361, 0.1207, 0.1433

Sweetspot

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



24.4376, 0.5808, 0.3261



64.9799, 0.3590, 0.3273



30.0735, 0.3140, 0.1619



12.9582, 0.3687, 0.3271



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.



24.4376, 0.5808, 0.3261



21.6699, 0.6297, 0.3283



43.0015, 0.5020, 0.4097



17.9959, 0.3290, 0.3283



11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Inverse Universe

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



24.4376, 0.5808, 0.3261



21.6699, 0.6297, 0.3283



33.9525, 0.1965, 0.2045



17.9959, 0.3290, 0.3283



11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 24.4361, 0.5808, 0.3261 looks on a white background.

Color Contrast Check

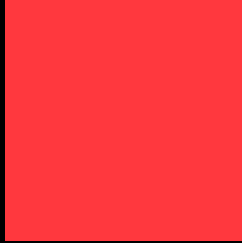
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4361, 0.5808, 0.3261 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 24.4361, 0.5808, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 24.4361, 0.5808, 0.3261.



This preview shows how white text looks on a background with the Yxy color 24.4361, 0.5808, 0.3261.

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

24.4361, 0.5808, 0.3261

Protanopia

24.5923, 0.3796, 0.4106

Deuteranopia

24.4600, 0.4488, 0.4397



Tritanopia

24.4917, 0.5842, 0.3292

Trichromacy



Original Color

24.4361, 0.5808, 0.3261

Protanomaly

21.6302, 0.4620, 0.3684

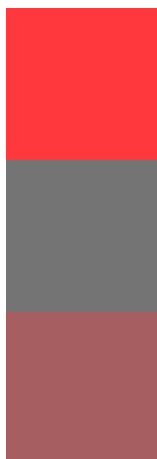
Deuteranomaly

22.1773, 0.5105, 0.3840

Tritanomaly

24.5020, 0.5833, 0.3286

Monochromacy



Original Color

24.4361, 0.5808, 0.3261

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.0654, 0.4215, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4361, 0.5808, 0.3261 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, 56, 62)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 62)  
}
```

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, 56, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 62) }
```

Border

The CSS property to change the border of an element to Yxy 24.4361, 0.5808, 0.3261 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, 56, 62) }
```

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

```
.border{ border-color:rgb(255, 56, 62) }
```

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

Here you see how a box with a 4 pixel rgb(255, 56, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 62);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4361, 0.5808, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 62) }
```

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

```
.background{ background-color: rgb(255, 56,  
62) }
```

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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