

Converting Colors

$Yxy(23.9032, 0.5908, 0.3276)$

Have a look what the booklet for
Yxy(23.9032, 0.5908, 0.3276)
contains.

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Color

Yxy(23.9035, 0.5908, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	FF3337
RGB	255, 51, 55
RGB Percent	100%, 20%, 22%
CMY	0.0001, 0.7998, 0.7844
CMYK	0.00, 0.80, 0.78, 0.00
HSL	359°, 100%, 60%
HSV	359°, 80%, 100%
XYZ	43.1080, 23.9035, 5.9540
YIQ	112.4520, 120.3000, 44.4920

Conversions

Conversions Part 2

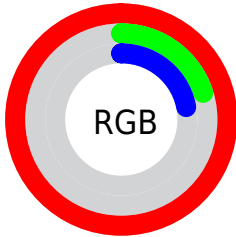
Format	Color
R_{YB}	255, 51, 55
Decimal	16724791
CIE _{Lab}	55.99, 73.85, 48.21
CIE _{LCh}	56, 88.195, 33.136
Yxy	23.9035, 0.5908, 0.3276
Android (android.graphics.Color)	4294914871 (0xFFFF3337)
YUV	112.4520, -28.3238, 125.0146
Hunter-Lab	48.8912, 71.8262, 27.0035

Details

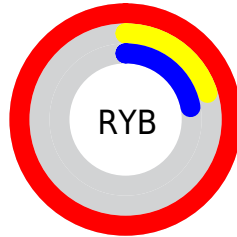
The Yxy color **23.9035, 0.5908, 0.3276** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **79.1818, 0.2297, 0.3335**, and the grayscale version is **16.4099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9619, 0.4909, 0.3429**, and **10.8407, 0.6347, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **22.0695, 0.6226, 0.3285**, and if you desaturate by 10%, it is **27.0816, 0.5471, 0.3270**.

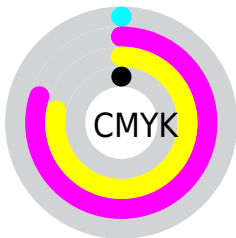
Distribution



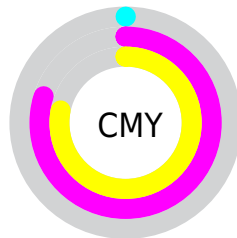
- Red (100%)
- Green (20%)
- Blue (22%)



- Red (100%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (78%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9035, 0.5908, 0.3276 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 23.9035, 0.5908, 0.3276 by changing the saturation by 10% instead.


 23.9035, 0.5908,
0.3276


 23.9035, 0.5908,
0.3276


272.3322, 0.4429,
0.3446


 15.2621, 0.6261,
0.3168


 49.8727, 0.5371,
0.3386


 9.0035, 0.6685,
0.2993


 67.9692, 0.5167,
0.3412

 4.7435, 0.7263,
0.2737

 89.9862, 0.4995,
0.3428

 2.0975, 0.7749,
0.2251

 116.3081, 0.4847,
0.3438

 0.6632, 0.8461,
0.1539

 147.3192, 0.4720,
0.3444

 0.0000, 1.0000,
0.0000

 183.4040, 0.4610,

 0.0000, 0.0000,

0.3446

0.0000

224.9469, 0.4514,
0.3447

■ 23.9035, 0.5908,
0.3276

■ 23.9035, 0.5908,
0.3276

■ 22.0695, 0.6226,
0.3285

■ 27.0816, 0.5471,
0.3270

■ 21.2686, 0.6387,
0.3292

■ 31.7902, 0.4990,
0.3268

■ 21.2671, 0.6387,
0.3292

■ 38.1907, 0.4530,
0.3269

■ 46.4232, 0.4127,
0.3272

■ 56.6130, 0.3791,
0.3277

68.8746, 0.3519,
0.3281

83.3135, 0.3301,
0.3286

99.9963, 0.3127,
0.3290

Harmonies

Analogous

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



23.9035, 0.5056, 0.2514



23.9035, 0.5908, 0.3276



23.9035, 0.5645, 0.4134

Triad

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



23.9035, 0.5908, 0.3276



23.9035, 0.2277, 0.5760



23.9035, 0.1339, 0.1345

Complementary

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



23.9035, 0.5908, 0.3276



79.1818, 0.2297, 0.3335

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.



23.9035, 0.0987, 0.1568



23.9035, 0.5908, 0.3276



23.9035, 0.1359, 0.3891

Square

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



23.9035, 0.5908, 0.3276



23.9035, 0.3481, 0.6079



23.9035, 0.0970, 0.2307



23.9035, 0.2129, 0.1453

Rectangle

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



23.9035, 0.5908, 0.3276



23.9035, 0.5059, 0.4815



23.9035, 0.0970, 0.2307



23.9035, 0.1181, 0.1378

Sweetspot

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



23.9050, 0.5908, 0.3276



63.6937, 0.3621, 0.3279



29.5817, 0.3138, 0.1600



12.7111, 0.3720, 0.3278



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.



23.9050, 0.5908, 0.3276



21.5157, 0.6339, 0.3291



42.1226, 0.5073, 0.4098



17.9927, 0.3292, 0.3286



11.1169, 0.6381, 0.3289



1.0843, 0.6335, 0.3263

Inverse Universe

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



23.9050, 0.5908, 0.3276



21.5157, 0.6339, 0.3291



33.0027, 0.1946, 0.2009



17.9927, 0.3292, 0.3286



11.1169, 0.6381, 0.3289



1.0843, 0.6335, 0.3263

Previews

White Background



This preview shows how the Yxy color 23.9035, 0.5908, 0.3276 looks on a white background.

Color Contrast Check

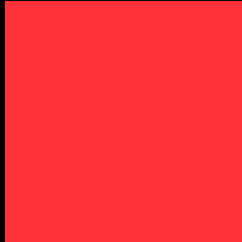
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9035, 0.5908, 0.3276 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 23.9035, 0.5908, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 23.9035, 0.5908, 0.3276.



This preview shows how white text looks on a background with the Yxy color 23.9035, 0.5908, 0.3276.

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

23.9035, 0.5908, 0.3276

Protanopia

24.0955, 0.3873, 0.4221

Deuteranopia

24.0198, 0.4550, 0.4470



Tritanopia

23.9639, 0.5930, 0.3298

Trichromacy



Original Color

23.9035, 0.5908, 0.3276

Protanomaly

20.7819, 0.4739, 0.3744

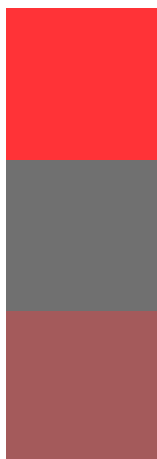
Deuteranomaly

21.5832, 0.5192, 0.3885

Tritanomaly

23.9730, 0.5921, 0.3293

Monochromacy



Original Color

23.9035, 0.5908, 0.3276

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9602, 0.4283, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9035, 0.5908, 0.3276 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, 51, 55)` looks like.

```
.text, #text, p{  
  color:rgb(255, 51, 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, 51, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 55) }
```

Border

The CSS property to change the border of an element to Yxy 23.9035, 0.5908, 0.3276 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, 51, 55) }
```

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

```
.border{ border-color:rgb(255, 51, 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, 51, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9035, 0.5908, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 55) }
```

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

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