

Converting Colors

$Yxy(23.9256, 0.5886, 0.3262)$

Have a look what the booklet for
Yxy(23.9256, 0.5886, 0.3262)
contains.

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Color

Yxy(23.9231, 0.5889, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	FF3339
RGB	255, 51, 57
RGB Percent	100%, 20%, 22%
CMY	0.0000, 0.7999, 0.7766
CMYK	0.00, 0.80, 0.78, 0.00
HSL	358°, 100%, 60%
HSV	358°, 80%, 100%
XYZ	43.1627, 23.9231, 6.2080
YIQ	112.6800, 119.6580, 45.1140

Conversions

Conversions Part 2

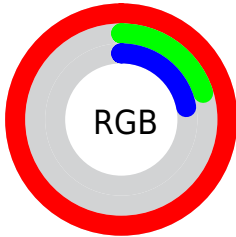
Format	Color
R_{YB}	255, 51, 57
Decimal	16724793
CIE _{Lab}	56.01, 73.93, 47.18
CIE _{LCh}	56, 87.701, 32.545
Yxy	23.9231, 0.5889, 0.3264
Android (android.graphics.Color)	4294914873 (0xFFFF3339)
YUV	112.6800, -27.4502, 124.8146
Hunter-Lab	48.9112, 71.9263, 26.7126

Details

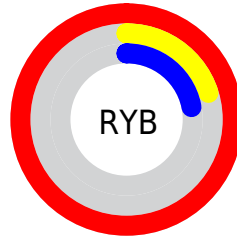
The Yxy color **23.9231, 0.5889, 0.3264** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **79.0673, 0.2304, 0.3359**, and the grayscale version is **16.4707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0025, 0.4887, 0.3411**, and **10.8479, 0.6329, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **22.0828, 0.6213, 0.3277**, and if you desaturate by 10%, it is **27.1049, 0.5451, 0.3256**.

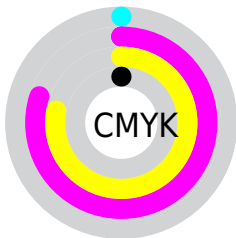
Distribution



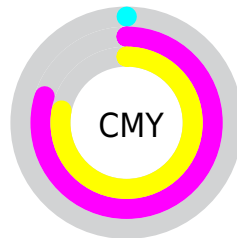
- Red (100%)
- Green (20%)
- Blue (22%)



- 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 23.9231, 0.5889, 0.3264 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 23.9231, 0.5889, 0.3264 by changing the saturation by 10% instead.


 23.9231, 0.5889,
0.3264


 23.9231, 0.5889,
0.3264

272.4315, 0.4417,
0.3436


 15.2766, 0.6243,
0.3157


 49.9047, 0.5353,
0.3373

 9.0137, 0.6670,
0.2984


 68.0085, 0.5150,
0.3399


 4.7501, 0.7264,
0.2736

 90.0336, 0.4979,
0.3416

 2.1014, 0.7749,
0.2251

 116.3644, 0.4832,
0.3426

 0.6654, 0.8461,
0.1539

 147.3851, 0.4706,
0.3432

 0.0000, 1.0000,
0.0000

 183.4803, 0.4597,

 0.0000, 0.0000,

0.3435

0.0000

225.0343, 0.4501,
0.3436

■ 23.9231, 0.5889,
0.3264

■ 23.9231, 0.5889,
0.3264

■ 22.0828, 0.6213,
0.3277

■ 27.1049, 0.5451,
0.3256

■ 21.2766, 0.6380,
0.3288

■ 31.8160, 0.4972,
0.3254

■ 21.2763, 0.6380,
0.3288

■ 38.2168, 0.4517,
0.3256

■ 46.4469, 0.4117,
0.3262

■ 56.6315, 0.3785,
0.3269

68.8845, 0.3515,
0.3276

83.3112, 0.3299,
0.3283

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.



23.9231, 0.5018, 0.2504



23.9231, 0.5889, 0.3264



23.9231, 0.5650, 0.4117

Triad

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



23.9231, 0.5889, 0.3264



23.9231, 0.2306, 0.5768



23.9231, 0.1335, 0.1353

Complementary

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



23.9231, 0.5889, 0.3264



79.0673, 0.2304, 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.



23.9231, 0.0990, 0.1584



23.9231, 0.5889, 0.3264



23.9231, 0.1380, 0.3928

Square

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



23.9231, 0.5889, 0.3264



23.9231, 0.3509, 0.6054



23.9231, 0.0981, 0.2335



23.9231, 0.2114, 0.1455

Rectangle

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



23.9231, 0.5889, 0.3264



23.9231, 0.5074, 0.4792



23.9231, 0.0981, 0.2335



23.9231, 0.1180, 0.1388

Sweetspot

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



23.9239, 0.5889, 0.3264



63.7212, 0.3616, 0.3273



29.5820, 0.3138, 0.1600



12.7175, 0.3714, 0.3270



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.



23.9239, 0.5889, 0.3264



21.5229, 0.6330, 0.3286



42.1210, 0.5074, 0.4098



17.9956, 0.3290, 0.3284



11.1210, 0.6371, 0.3283



1.0857, 0.6301, 0.3245

Inverse Universe

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



23.9239, 0.5889, 0.3264



21.5229, 0.6330, 0.3286



32.9988, 0.1945, 0.2009



17.9956, 0.3290, 0.3284



11.1210, 0.6371, 0.3283



1.0857, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 23.9231, 0.5889, 0.3264 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 23.9231, 0.5889, 0.3264 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 23.9231, 0.5889, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 23.9231, 0.5889, 0.3264.



This preview shows how white text looks on a background with the Yxy color 23.9231, 0.5889, 0.3264.

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

23.9231, 0.5889, 0.3264

Protanopia

24.1402, 0.3842, 0.4174

Deuteranopia

24.0405, 0.4530, 0.4445



Tritanopia

23.9639, 0.5930, 0.3298

Trichromacy



Original Color

23.9231, 0.5889, 0.3264

Protanomaly

20.8208, 0.4702, 0.3708

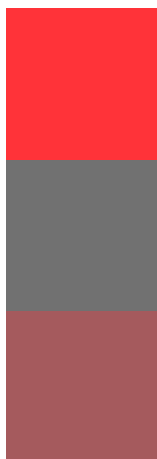
Deuteranomaly

21.5989, 0.5175, 0.3869

Tritanomaly

23.9823, 0.5912, 0.3287

Monochromacy



Original Color

23.9231, 0.5889, 0.3264

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1020, 0.4264, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9231, 0.5889, 0.3264 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 57) }
```

Border

The CSS property to change the border of an element to Yxy 23.9231, 0.5889, 0.3264 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, 57) }
```

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

```
.border{ border-color:rgb(255, 51, 57) }
```

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, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9231, 0.5889, 0.3264 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, 57) }
```

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

```
.background{ background-color: rgb(255, 51,  
57) }
```

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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