

Converting Colors

$Yxy(23.7567, 0.5866, 0.3292)$

Have a look what the booklet for
Yxy(23.7567, 0.5866, 0.3292)
contains.

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Color

Yxy(23.7133, 0.5862, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FC3738
RGB	252, 55, 56
RGB Percent	99%, 22%, 22%
CMY	0.0118, 0.7843, 0.7804
CMYK	0.00, 0.78, 0.78, 0.01
HSL	360°, 97%, 60%
HSV	360°, 78%, 99%
XYZ	42.2258, 23.7133, 6.0940
YIQ	114.0170, 117.0910, 42.0750

Conversions

Conversions Part 2

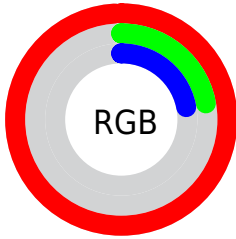
Format	Color
R_{YB}	252, 55, 56
Decimal	16529208
CIE _{Lab}	55.80, 72.04, 47.29
CIE _{LCh}	56, 86.173, 33.283
Yxy	23.7133, 0.5862, 0.3292
Android (android.graphics.Color)	4294719288 (0xFFFC3738)
YUV	114.0170, -28.6024, 121.0111
Hunter-Lab	48.6963, 69.5634, 26.6677

Details

The Yxy color **23.7133, 0.5862, 0.3292** 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 **77.3999, 0.2294, 0.3300**, and the grayscale version is **16.8956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4531, 0.4883, 0.3440**, and **10.4633, 0.6339, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **21.7134, 0.6200, 0.3295**, and if you desaturate by 10%, it is **27.0593, 0.5412, 0.3290**.

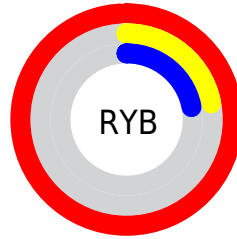
Distribution



Red (99%)

Green (22%)

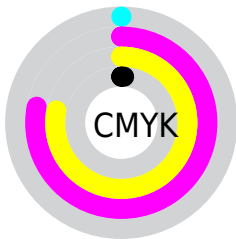
Blue (22%)



Red (99%)

Yellow (22%)

Blue (22%)

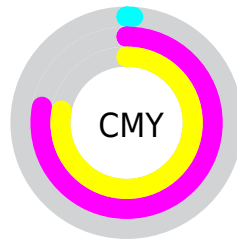


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (1%)



Cyan (1%)


Magenta (78%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7133, 0.5862, 0.3292 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 23.7133, 0.5862, 0.3292 by changing the saturation by 10% instead.


 23.7133, 0.5862,
0.3292


 23.7133, 0.5862,
0.3292


271.3678, 0.4401,
0.3448


 15.1211, 0.6214,
0.3189


 49.5619, 0.5330,
0.3395


 8.9044, 0.6639,
0.3019


 67.5872, 0.5128,
0.3420


 4.6789, 0.7228,
0.2772

 89.5255, 0.4958,
0.3435

 2.0601, 0.7714,
0.2286

 115.7613, 0.4813,
0.3443

 0.6421, 0.8442,
0.1558

 146.6791, 0.4688,
0.3448

 0.0000, 1.0000,
0.0000


 182.6632, 0.4580,


 0.0000, 0.0000,


0.3449

0.0000

224.0979, 0.4485,
0.3449

 23.7133, 0.5862,
0.3292


 23.7133, 0.5862,
0.3292


 21.7134, 0.6200,
0.3295


 27.0593, 0.5412,
0.3290


 20.8088, 0.6375,
0.3298


 31.9266, 0.4928,
0.3288


 20.6986, 0.6397,
0.3298


 38.4688, 0.4472,
0.3288

 46.8197, 0.4075,
0.3288

 57.0994, 0.3746,
0.3288

 69.4179, 0.3480,
0.3289

 83.8768, 0.3268,
0.3289

 99.4358, 0.3109,
0.3290

Harmonies

Analogous

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



23.7133, 0.5026, 0.2533



23.7133, 0.5862, 0.3292



23.7133, 0.5611, 0.4144

Triad

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



23.7133, 0.5862, 0.3292



23.7133, 0.2295, 0.5694



23.7133, 0.1366, 0.1370

Complementary

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



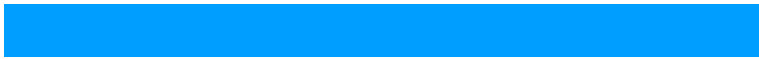
23.7133, 0.5862, 0.3292



77.3999, 0.2294, 0.3300

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.



23.7133, 0.1013, 0.1592



23.7133, 0.5862, 0.3292



23.7133, 0.1386, 0.3873

Square

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



23.7133, 0.5862, 0.3292



23.7133, 0.3487, 0.6033



23.7133, 0.0998, 0.2324



23.7133, 0.2152, 0.1478

Rectangle

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



23.7133, 0.5862, 0.3292



23.7133, 0.5036, 0.4813



23.7133, 0.0998, 0.2324



23.7133, 0.1207, 0.1403

Sweetspot

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



23.7148, 0.5862, 0.3292



64.9130, 0.3602, 0.3288



29.8498, 0.3172, 0.1635



12.9426, 0.3701, 0.3288



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.



23.7148, 0.5862, 0.3292



21.6492, 0.6322, 0.3297



42.8556, 0.4989, 0.4129



17.2267, 0.3293, 0.3289



10.7826, 0.6396, 0.3297



0.9991, 0.6382, 0.3290

Inverse Universe

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



23.7148, 0.5862, 0.3292



21.6492, 0.6322, 0.3297



31.8835, 0.1952, 0.1997



17.2267, 0.3293, 0.3289



10.7826, 0.6396, 0.3297



0.9991, 0.6382, 0.3290

Previews

White Background



This preview shows how the Yxy color 23.7133, 0.5862, 0.3292 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 23.7133, 0.5862, 0.3292 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 23.7133, 0.5862, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 23.7133, 0.5862, 0.3292.



This preview shows how white text looks on a background with the Yxy color 23.7133, 0.5862, 0.3292.

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

23.7133, 0.5862, 0.3292

Protanopia

23.8178, 0.3880, 0.4206

Deuteranopia

23.6637, 0.4538, 0.4448



Tritanopia

23.7133, 0.5862, 0.3292

Trichromacy



Original Color

23.7133, 0.5862, 0.3292

Protanomaly

20.8724, 0.4705, 0.3749

Deuteranomaly

21.6467, 0.5162, 0.3894

Tritanomaly

23.7133, 0.5862, 0.3292

Monochromacy



Original Color

23.7133, 0.5862, 0.3292

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.5115, 0.4228, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7133, 0.5862, 0.3292 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(252, 55, 56)` looks like.

```
.text, #text, p{  
  color:rgb(252, 55, 56)  
}
```

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(252, 55, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 55, 56) }
```

Border

The CSS property to change the border of an element to Yxy 23.7133, 0.5862, 0.3292 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(252, 55, 56) }
```

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

```
.border{ border-color:rgb(252, 55, 56) }
```

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

Here you see how a box with a 4 pixel rgb(252, 55, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 55, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 55, 56);  
box-shadow:4px 4px 4px 4px rgb(252, 55,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7133, 0.5862, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 55, 56) }
```

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

```
.background{ background-color: rgb(252, 55,  
56) }
```

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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