

Converting Colors

$Yxy(23.5624, 0.5849, 0.3361)$

Have a look what the booklet for
Yxy(23.5624, 0.5849, 0.3361)
contains.

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Color

Yxy(23.5330, 0.5852, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	F83D33
RGB	248, 61, 51
RGB Percent	97%, 24%, 20%
CMY	0.0275, 0.7606, 0.8001
CMYK	0.00, 0.75, 0.79, 0.03
HSL	3°, 93%, 59%
HSV	3°, 79%, 97%
XYZ	40.9744, 23.5330, 5.5104
YIQ	115.7730, 114.6620, 36.5340

Conversions

Conversions Part 2

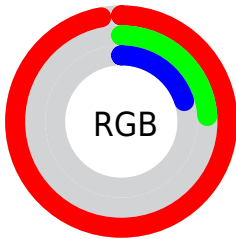
Format	Color
RYB	248, 62, 51
Decimal	16268595
CIELab	55.62, 69.02, 49.50
CIElCh	56, 84.933, 35.648
Yxy	23.5330, 0.5852, 0.3361
Android (android.graphics.Color)	4294458675 (0xFFFF83D33)
YUV	115.7730, -31.9331, 115.9631
Hunter-Lab	48.5108, 65.8753, 27.2228

Details

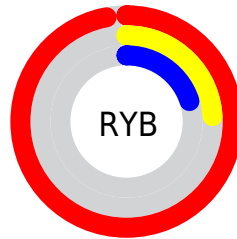
The Yxy color **23.5330, 0.5852, 0.3361** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **68.5808, 0.2252, 0.3162**, and the grayscale version is **17.4691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0799, 0.4915, 0.3515**, and **10.0760, 0.6377, 0.3287** is the 20% darker color. If you saturate the color by 10%, you get **21.3845, 0.6185, 0.3342**, and if you desaturate by 10%, it is **26.9019, 0.5414, 0.3370**.

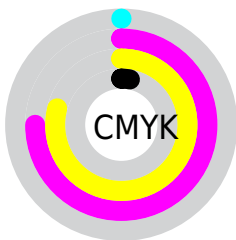
Distribution



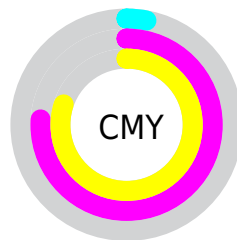
- Red (97%)
- Green (24%)
- Blue (20%)



- Red (97%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (79%)
- Black (3%)





- Cyan (3%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5330, 0.5852, 0.3361 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 23.5330, 0.5852, 0.3361 by changing the saturation by 10% instead.


 23.5330, 0.5852,
0.3361


 23.5330, 0.5852,
0.3361


270.4509, 0.4401,
0.3487


 14.9876, 0.6198,
0.3261


 49.2670, 0.5326,
0.3456


 8.8107, 0.6614,
0.3094


 67.2244, 0.5125,
0.3477

 4.6179, 0.7162,
0.2838

 89.0879, 0.4956,
0.3488

 2.0249, 0.7647,
0.2353

 115.2419, 0.4811,
0.3493

 0.6219, 0.8392,
0.1608

 146.0709, 0.4687,
0.3494

 0.0000, 1.0000,
0.0000


 181.9591, 0.4579,


 0.0000, 0.0000,

0.3493


0.0000


223.2909, 0.4484,
0.3491


 23.5330, 0.5852,
0.3361


 23.5330, 0.5852,
0.3361

 21.3845, 0.6185,
0.3342

 26.9019, 0.5414,
0.3370


 20.2708, 0.6368,
0.3321


 31.6312, 0.4942,
0.3369

 20.2341, 0.6375,
0.3320


 37.8465, 0.4495,
0.3360

 45.6577, 0.4103,
0.3347

 55.1647, 0.3775,
0.3332

 66.4590, 0.3508,
0.3317

 79.6256, 0.3292,
0.3303

 94.7441, 0.3119,
0.3289

 98.6945, 0.3084,
0.3290

Harmonies

Analogous

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



23.5330, 0.5107, 0.2600



23.5330, 0.5852, 0.3361



23.5330, 0.5539, 0.4222

Triad

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



23.5330, 0.5852, 0.3361



23.5330, 0.2222, 0.5555



23.5330, 0.1423, 0.1382

Complementary

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



23.5330, 0.5852, 0.3361



68.5808, 0.2252, 0.3162

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.



23.5330, 0.1043, 0.1575



23.5330, 0.5852, 0.3361



23.5330, 0.1354, 0.3718

Square

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



23.5330, 0.5852, 0.3361



23.5330, 0.3397, 0.6038



23.5330, 0.1002, 0.2253



23.5330, 0.2246, 0.1513

Rectangle

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



23.5330, 0.5852, 0.3361



23.5330, 0.4946, 0.4891



23.5330, 0.1002, 0.2253



23.5330, 0.1255, 0.1407

Sweetspot

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



23.5344, 0.5852, 0.3361



65.0460, 0.3623, 0.3324



28.5001, 0.3306, 0.1702



13.0241, 0.3721, 0.3329



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.



23.5344, 0.5852, 0.3361



21.9894, 0.6305, 0.3328



45.1024, 0.4884, 0.4256



17.3674, 0.3293, 0.3303



10.9899, 0.6365, 0.3328



1.0664, 0.6278, 0.3397

Inverse Universe

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



68.5808, 0.2252, 0.3162



71.1758, 0.2209, 0.3135



26.1263, 0.1891, 0.1788



19.4475, 0.2980, 0.3277



35.9231, 0.2203, 0.3130



3.3724, 0.2208, 0.3150

Previews

White Background



This preview shows how the Yxy color 23.5330, 0.5852, 0.3361 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 23.5330, 0.5852, 0.3361 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 23.5330, 0.5852, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 23.5330, 0.5852, 0.3361.



This preview shows how white text looks on a background with the Yxy color 23.5330, 0.5852, 0.3361.

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

23.5330, 0.5852, 0.3361

Protanopia

23.7211, 0.3950, 0.4312

Deuteranopia

23.6249, 0.4575, 0.4496



Tritanopia

23.5251, 0.5760, 0.3291

Trichromacy



Original Color

23.5330, 0.5852, 0.3361

Protanomaly

21.0759, 0.4755, 0.3862

Deuteranomaly

21.7309, 0.5159, 0.3965

Tritanomaly

23.4836, 0.5801, 0.3317

Monochromacy



Original Color

23.5330, 0.5852, 0.3361

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.0310, 0.4223, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5330, 0.5852, 0.3361 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(248, 61, 51)` looks like.

```
.text, #text, p{  
    color:rgb(248, 61, 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(248, 61, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 61, 51) }
```

Border

The CSS property to change the border of an element to Yxy 23.5330, 0.5852, 0.3361 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(248, 61, 51) }
```

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

```
.border{ border-color:rgb(248, 61, 51) }
```

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

Here you see how a box with a 4 pixel rgb(248, 61, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 61, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 61, 51);  
box-shadow:4px 4px 4px 4px rgb(248, 61,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5330, 0.5852, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 61, 51) }
```

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

```
.background{ background-color: rgb(248, 61,  
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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