

Converting Colors

$Yxy(23.6875, 0.5779, 0.3396)$

Have a look what the booklet for
Yxy(23.6875, 0.5779, 0.3396)
contains.

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Color

Yxy(23.6747, 0.5783, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	F54334
RGB	245, 67, 52
RGB Percent	96%, 26%, 20%
CMY	0.0393, 0.7371, 0.7960
CMYK	0.00, 0.73, 0.79, 0.04
HSL	5°, 91%, 58%
HSV	5°, 79%, 96%
XYZ	40.2797, 23.6747, 5.6975
YIQ	118.5120, 110.9030, 33.0710

Conversions

Conversions Part 2

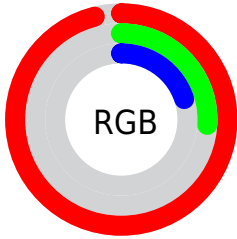
Format	Color
R_{YB}	245, 68, 52
Decimal	16073524
CIE Lab	55.76, 66.25, 48.92
CIE LCh	56, 82.356, 36.441
Yxy	23.6747, 0.5783, 0.3399
Android (android.graphics.Color)	4294263604 (0xFFFF54334)
YUV	118.5120, -32.7904, 110.9300
Hunter-Lab	48.6567, 62.6196, 27.1170

Details

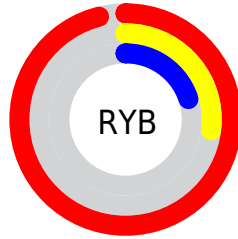
The Yxy color **23.6747, 0.5783, 0.3399** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **63.8987, 0.2238, 0.3097**, and the grayscale version is **18.3701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1018, 0.4874, 0.3546**, and **9.7143, 0.6371, 0.3283** is the 20% darker color. If you saturate the color by 10%, you get **21.3257, 0.6131, 0.3372**, and if you desaturate by 10%, it is **27.1881, 0.5343, 0.3410**.

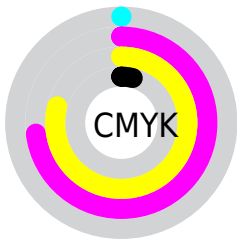
Distribution



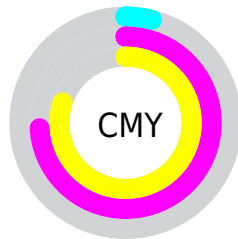
- Red (96%)
- Green (26%)
- Blue (20%)



- Red (96%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (79%)
- Black (4%)




- Cyan (4%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6747, 0.5783, 0.3399 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 23.6747, 0.5783, 0.3399 by changing the saturation by 10% instead.


 23.6747, 0.5783,
0.3399


 23.6747, 0.5783,
0.3399


271.1717, 0.4366,
0.3498


 15.0925, 0.6123,
0.3308


 49.4988, 0.5268,
0.3482

 8.8843, 0.6533,
0.3151


 67.5095, 0.5072,
0.3499


 4.6658, 0.7088,
0.2912

 89.4319, 0.4907,
0.3507

 2.0525, 0.7565,
0.2435

 115.6502, 0.4766,
0.3510

 0.6377, 0.8302,
0.1698

 146.5490, 0.4644,
0.3509

 0.0000, 1.0000,
0.0000

 182.5126, 0.4539,

 0.0000, 0.0000,


0.3507


0.0000

223.9254, 0.4447,
0.3503


 23.6747, 0.5783,
0.3399

 23.6747, 0.5783,
0.3399


 21.3257, 0.6131,
0.3372


 27.1881, 0.5343,
0.3410

 19.9844, 0.6338,
0.3337


 31.9861, 0.4881,
0.3407


 19.8776, 0.6356,
0.3335


 38.1785, 0.4446,
0.3393

 45.8624, 0.4067,
0.3374

 55.1259, 0.3749,
0.3351

 66.0504, 0.3489,
0.3329

 78.7119, 0.3278,
0.3308

 93.1813, 0.3108,
0.3288

 98.1497, 0.3066,
0.3290

Harmonies

Analogous

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



23.6747, 0.5078, 0.2642



23.6747, 0.5783, 0.3399



23.6747, 0.5474, 0.4252

Triad

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



23.6747, 0.5783, 0.3399



23.6747, 0.2230, 0.5432



23.6747, 0.1476, 0.1422

Complementary

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



23.6747, 0.5783, 0.3399



63.8987, 0.2238, 0.3097

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.



23.6747, 0.1090, 0.1607



23.6747, 0.5783, 0.3399



23.6747, 0.1385, 0.3664

Square

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



23.6747, 0.5783, 0.3399



23.6747, 0.3383, 0.5966



23.6747, 0.1044, 0.2263



23.6747, 0.2300, 0.1558

Rectangle

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



23.6747, 0.5783, 0.3399



23.6747, 0.4895, 0.4903



23.6747, 0.1044, 0.2263



23.6747, 0.1306, 0.1444

Sweetspot

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



23.6761, 0.5783, 0.3399



65.7917, 0.3619, 0.3341



27.7004, 0.3339, 0.1730



13.1972, 0.3716, 0.3349



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.



23.6761, 0.5783, 0.3399



22.3000, 0.6280, 0.3349



45.2756, 0.4835, 0.4285



16.6895, 0.3292, 0.3309



10.7852, 0.6343, 0.3345



1.0182, 0.6210, 0.3451

Inverse Universe

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



63.8987, 0.2238, 0.3097



67.3808, 0.2186, 0.3053



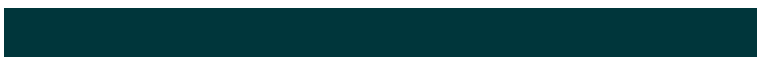
24.8284, 0.1887, 0.1758



18.5241, 0.2981, 0.3271



32.9292, 0.2179, 0.3045



2.9585, 0.2188, 0.3078

Previews

White Background



This preview shows how the Yxy color 23.6747, 0.5783, 0.3399 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 23.6747, 0.5783, 0.3399 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 23.6747, 0.5783, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 23.6747, 0.5783, 0.3399.



This preview shows how white text looks on a background with the Yxy color 23.6747, 0.5783, 0.3399.

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

23.6747, 0.5783, 0.3399

Protanopia

23.8010, 0.3972, 0.4321

Deuteranopia

23.6435, 0.4557, 0.4473



Tritanopia

23.5983, 0.5642, 0.3283

Trichromacy



Original Color

23.6747, 0.5783, 0.3399

Protanomaly

21.5893, 0.4710, 0.3907

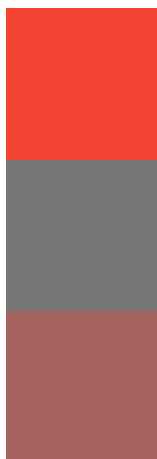
Deuteranomaly

22.0133, 0.5108, 0.3980

Tritanomaly

23.6567, 0.5691, 0.3326

Monochromacy



Original Color

23.6747, 0.5783, 0.3399

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9399, 0.4161, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6747, 0.5783, 0.3399 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(245, 67, 52)` looks like.

```
.text, #text, p{  
  color:rgb(245, 67, 52)  
}
```

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(245, 67, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 67, 52) }
```

Border

The CSS property to change the border of an element to Yxy 23.6747, 0.5783, 0.3399 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(245, 67, 52) }
```

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

```
.border{ border-color:rgb(245, 67, 52) }
```

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

Here you see how a box with a 4 pixel rgb(245, 67, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 67, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 67, 52);  
box-shadow:4px 4px 4px 4px rgb(245, 67,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6747, 0.5783, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 67, 52) }
```

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

```
.background{ background-color: rgb(245, 67,  
52) }
```

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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