

Converting Colors

Yxy(24.1418, 0.5552, 0.3313)

Have a look what the booklet for
Yxy(24.1418, 0.5552, 0.3313)
contains.

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Color

Yxy(24.1316, 0.5544, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	F34846
RGB	243, 72, 70
RGB Percent	95%, 28%, 27%
CMY	0.0471, 0.7175, 0.7254
CMYK	0.00, 0.70, 0.71, 0.05
HSL	1°, 88%, 61%
HSV	1°, 71%, 95%
XYZ	40.3820, 24.1316, 8.3255
YIQ	122.9010, 102.5580, 35.6300

Conversions

Conversions Part 2

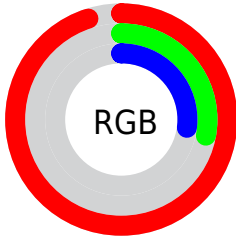
Format	Color
R_{YB}	243, 72, 70
Decimal	15943750
CIE _{Lab}	56.22, 64.59, 39.63
CIE _{LCh}	56, 75.780, 31.529
Yxy	24.1316, 0.5544, 0.3313
Android (android.graphics.Color)	4294133830 (0xFFFF34846)
YUV	122.9010, -26.0802, 105.3268
Hunter-Lab	49.1239, 60.7679, 24.3383

Details

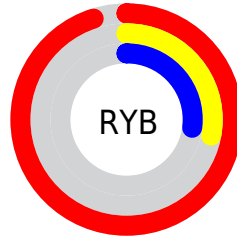
The Yxy color **24.1316, 0.5544, 0.3313** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **70.6651, 0.2315, 0.3263**, and the grayscale version is **19.8395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8245, 0.4635, 0.3415**, and **9.6583, 0.6200, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **21.3623, 0.5968, 0.3311**, and if you desaturate by 10%, it is **28.2397, 0.5065, 0.3312**.

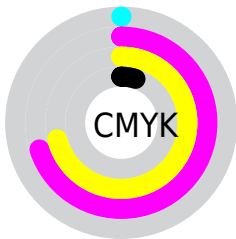
Distribution



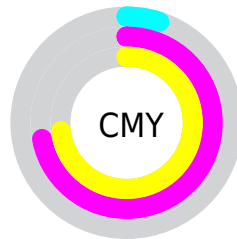
- Red (95%)
- Green (28%)
- Blue (27%)



- Red (95%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (71%)
- Black (5%)





- Cyan (5%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1316, 0.5544, 0.3313 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 24.1316, 0.5544, 0.3313 by changing the saturation by 10% instead.


 24.1316, 0.5544,
0.3313


 24.1316, 0.5544,
0.3313

273.4851, 0.4232,
0.3416


 15.4313, 0.5879,
0.3237


 50.2449, 0.5055,
0.3385


 9.1226, 0.6298,
0.3108


 68.4266, 0.4874,
0.3401


 4.8212, 0.6863,
0.2903

 90.5376, 0.4722,
0.3411

 2.1428, 0.7493,
0.2507

 116.9622, 0.4593,
0.3416

 0.6885, 0.8200,
0.1800

 148.0849, 0.4483,
0.3418

 0.0000, 1.0000,
0.0000

184.2900, 0.4388,

 0.0000, 0.0000,

0.3418

0.0000

225.9620, 0.4305,
0.3418

■ 24.1316, 0.5544,
0.3313

■ 24.1316, 0.5544,
0.3313

■ 21.3623, 0.5968,
0.3311

■ 28.2397, 0.5065,
0.3312

■ 19.7612, 0.6263,
0.3307


■ 33.8219, 0.4598,
0.3310

■ 19.1138, 0.6395,
0.3304

■ 41.0016, 0.4184,
0.3306

■ 49.8882, 0.3837,
0.3302

■ 60.5813, 0.3554,
0.3298

 73.1731, 0.3327,
0.3294

 87.7494, 0.3146,
0.3290

 97.7923, 0.3053,
0.3290

Harmonies

Analogous

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



24.1316, 0.4729, 0.2588



24.1316, 0.5544, 0.3313



24.1316, 0.5436, 0.4114

Triad

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



24.1316, 0.5544, 0.3313



24.1316, 0.2493, 0.5402



24.1316, 0.1491, 0.1539

Complementary

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



24.1316, 0.5544, 0.3313



70.6651, 0.2315, 0.3263

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.



24.1316, 0.1173, 0.1787



24.1316, 0.5544, 0.3313



24.1316, 0.1612, 0.3915

Square

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



24.1316, 0.5544, 0.3313



24.1316, 0.3604, 0.5704



24.1316, 0.1192, 0.2521



24.1316, 0.2205, 0.1619

Rectangle

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



24.1316, 0.5544, 0.3313



24.1316, 0.4971, 0.4706



24.1316, 0.1192, 0.2521



24.1316, 0.1346, 0.1580

Sweetspot

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



24.1330, 0.5544, 0.3313



67.7743, 0.3551, 0.3298



29.9042, 0.3200, 0.1730



13.7533, 0.3623, 0.3299



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.



24.1330, 0.5544, 0.3313



22.9721, 0.6106, 0.3310



43.4393, 0.4764, 0.4136



16.5134, 0.3294, 0.3293



10.5050, 0.6392, 0.3306



0.9340, 0.6371, 0.3323

Inverse Universe

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



70.6651, 0.2315, 0.3263



77.5545, 0.2260, 0.3257



31.7174, 0.2022, 0.2091



18.7227, 0.2981, 0.3287



37.8238, 0.2237, 0.3252



3.3348, 0.2238, 0.3257

Previews

White Background



This preview shows how the Yxy color 24.1316, 0.5544, 0.3313 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 24.1316, 0.5544, 0.3313 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 24.1316, 0.5544, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 24.1316, 0.5544, 0.3313.



This preview shows how white text looks on a background with the Yxy color 24.1316, 0.5544, 0.3313.

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

24.1316, 0.5544, 0.3313

Protanopia

24.2116, 0.3724, 0.4017

Deuteranopia

24.2422, 0.4354, 0.4291



Tritanopia

24.0692, 0.5492, 0.3265

Trichromacy



Original Color

24.1316, 0.5544, 0.3313

Protanomaly

22.0522, 0.4427, 0.3691

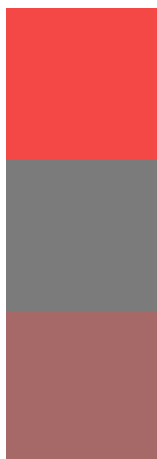
Deuteranomaly

22.6974, 0.4863, 0.3834

Tritanomaly

24.0422, 0.5516, 0.3281

Monochromacy



Original Color

24.1316, 0.5544, 0.3313

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1156, 0.4028, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1316, 0.5544, 0.3313 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(243, 72, 70)` looks like.

```
.text, #text, p{  
    color:rgb(243, 72, 70)  
}
```

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(243, 72, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 72, 70) }
```

Border

The CSS property to change the border of an element to Yxy 24.1316, 0.5544, 0.3313 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(243, 72, 70) }
```

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

```
.border{ border-color:rgb(243, 72, 70) }
```

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

Here you see how a box with a 4 pixel rgb(243, 72, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 72, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 72, 70);  
box-shadow:4px 4px 4px 4px rgb(243, 72,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1316, 0.5544, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 72, 70) }
```

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

```
.background{ background-color: rgb(243, 72,  
70) }
```

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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