

Converting Colors

$Y_{xy}(24.8720, 0.5286, 0.3193)$

Have a look what the booklet for
Yxy(24.8720, 0.5286, 0.3193)
contains.

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Color

Yxy(24.9281, 0.5289, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	F34C58
RGB	243, 76, 88
RGB Percent	95%, 30%, 35%
CMY	0.0471, 0.7019, 0.6550
CMYK	0.00, 0.69, 0.64, 0.05
HSL	356°, 87%, 63%
HSV	356°, 69%, 95%
XYZ	41.3047, 24.9281, 11.8627
YIQ	127.3010, 95.6800, 39.1360

Conversions

Conversions Part 2

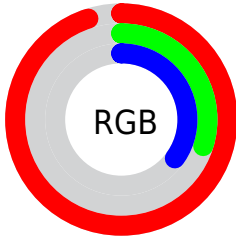
Format	Color
R_{YB}	243, 76, 88
Decimal	15944792
CIE _{Lab}	57.01, 64.05, 30.35
CIE _{LCh}	57, 70.874, 25.354
Yxy	24.9281, 0.5289, 0.3192
Android (android.graphics.Color)	4294134872 (0xFFFF34C58)
YUV	127.3010, -19.3754, 101.4680
Hunter-Lab	49.9280, 60.2963, 20.8626

Details

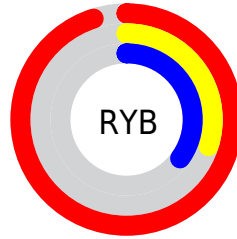
The Yxy color **24.9281, 0.5289, 0.3192** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **71.4038, 0.2382, 0.3438**, and the grayscale version is **21.3788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1452, 0.4404, 0.3253**, and **9.8777, 0.5960, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **21.8710, 0.5736, 0.3205**, and if you desaturate by 10%, it is **29.3672, 0.4825, 0.3192**.

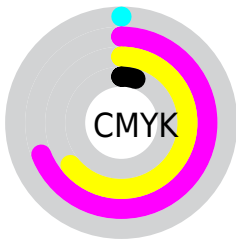
Distribution



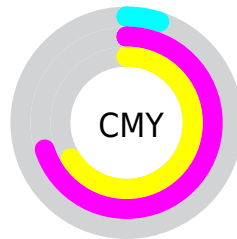
- Red (95%)
- Green (30%)
- Blue (35%)



- Red (95%)
- Yellow (30%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (64%)
- Black (5%)





- Cyan (5%)
- Magenta (70%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9281, 0.5289, 0.3192 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 24.9281, 0.5289, 0.3192 by changing the saturation by 10% instead.


 24.9281, 0.5289,
0.3192


 24.9281, 0.5289,
0.3192


277.4797, 0.4106,
0.3325


 16.0235, 0.5604,
0.3124


 51.5406, 0.4841,
0.3265


 9.5408, 0.6010,
0.3013


 70.0172, 0.4677,
0.3285


 5.0956, 0.6541,
0.2825

 92.4533, 0.4541,
0.3298

 2.3034, 0.7435,
0.2565

 119.2333, 0.4426,
0.3308

 0.7755, 0.8100,
0.1900

 150.7415, 0.4328,
0.3314

 0.0000, 1.0000,
0.0000

187.3624, 0.4244,

 0.0000, 0.0000,

0.3319

0.0000

229.4803, 0.4170,
0.3323

■ 24.9281, 0.5289,
0.3192

■ 24.9281, 0.5289,
0.3192

■ 21.8710, 0.5736,
0.3205

■ 29.3672, 0.4825,
0.3192

■ 20.0298, 0.6099,
0.3232

■ 35.3212, 0.4396,
0.3202


■ 19.1723, 0.6322,
0.3265


■ 42.9121, 0.4025,
0.3218

■ 19.0945, 0.6342,
0.3268

■ 52.2482, 0.3717,
0.3237

■ 63.4288, 0.3468,
0.3256

 76.5455, 0.3268,
0.3275

 91.6840, 0.3108,
0.3292

 97.7928, 0.3053,
0.3290

Harmonies

Analogous

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



24.9281, 0.4374, 0.2506



24.9281, 0.5289, 0.3192



24.9281, 0.5387, 0.3948

Triad

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



24.9281, 0.5289, 0.3192



24.9281, 0.2769, 0.5387



24.9281, 0.1488, 0.1655

Complementary

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



24.9281, 0.5289, 0.3192



71.4038, 0.2382, 0.3438

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.



24.9281, 0.1250, 0.1984



24.9281, 0.5289, 0.3192



24.9281, 0.1855, 0.4184

Square

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



24.9281, 0.5289, 0.3192



24.9281, 0.3831, 0.5464



24.9281, 0.1348, 0.2808



24.9281, 0.2091, 0.1669

Rectangle

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



24.9281, 0.5289, 0.3192



24.9281, 0.5044, 0.4494



24.9281, 0.1348, 0.2808



24.9281, 0.1372, 0.1721

Sweetspot

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



24.9295, 0.5289, 0.3192



67.6649, 0.3522, 0.3252



28.3134, 0.3060, 0.1696



13.7281, 0.3589, 0.3246



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.



24.9295, 0.5289, 0.3192



23.5417, 0.5876, 0.3213



40.0078, 0.4824, 0.3981



16.5018, 0.3282, 0.3273



10.4878, 0.6325, 0.3258



0.9283, 0.6145, 0.3159

Inverse Universe

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



24.9295, 0.5289, 0.3192



23.5417, 0.5876, 0.3213



38.0570, 0.2103, 0.2341



16.5018, 0.3282, 0.3273



10.4878, 0.6325, 0.3258



0.9283, 0.6145, 0.3159

Previews

White Background



This preview shows how the Yxy color 24.9281, 0.5289, 0.3192 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 24.9281, 0.5289, 0.3192 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 24.9281, 0.5289, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 24.9281, 0.5289, 0.3192.



This preview shows how white text looks on a background with the Yxy color 24.9281, 0.5289, 0.3192.

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

24.9281, 0.5289, 0.3192

Protanopia

25.1033, 0.3475, 0.3695

Deuteranopia

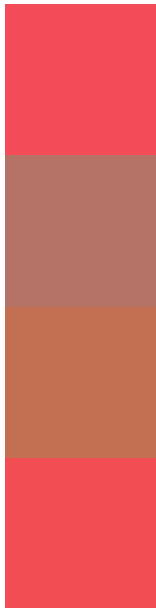
25.0126, 0.4150, 0.4076



Tritanopia

24.9565, 0.5373, 0.3263

Trichromacy



Original Color

24.9281, 0.5289, 0.3192

Protanomaly

23.0847, 0.4141, 0.3453

Deuteranomaly

23.5802, 0.4624, 0.3669

Tritanomaly

25.0025, 0.5335, 0.3236

Monochromacy



Original Color

24.9281, 0.5289, 0.3192

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.3524, 0.3902, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9281, 0.5289, 0.3192 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, 76, 88)` looks like.

```
.text, #text, p{  
    color:rgb(243, 76, 88)  
}
```

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, 76, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 76, 88) }
```

Border

The CSS property to change the border of an element to Yxy 24.9281, 0.5289, 0.3192 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, 76, 88) }
```

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

```
.border{ border-color:rgb(243, 76, 88) }
```

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

Here you see how a box with a 4 pixel rgb(243, 76, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 76, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 76, 88);  
box-shadow:4px 4px 4px 4px rgb(243, 76,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9281, 0.5289, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 76, 88) }
```

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

```
.background{ background-color: rgb(243, 76,  
88) }
```

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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