

Converting Colors

$Yxy(27.7546, 0.5084, 0.3150)$

Have a look what the booklet for
Yxy(27.7546, 0.5084, 0.3150)
contains.

Yxy(27.7546, 0.5084, 0.3150)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.7546, 0.5084, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	F95666
RGB	249, 86, 102
RGB Percent	98%, 34%, 40%
CMY	0.0235, 0.6627, 0.6001
CMYK	0.00, 0.65, 0.59, 0.02
HSL	354°, 93%, 66%
HSV	354°, 65%, 98%
XYZ	44.7950, 27.7546, 15.5602
YIQ	136.5610, 92.0120, 39.5320

Conversions

Conversions Part 2

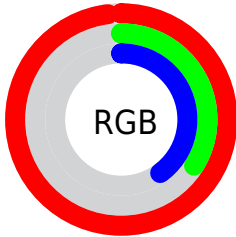
Format	Color
R _Y B	249, 86, 102
Decimal	16340582
CIE Lab	59.67, 62.96, 25.90
CIE LCh	60, 68.075, 22.358
Yxy	27.7546, 0.5084, 0.3150
Android (android.graphics.Color)	4294530662 (0xFFFF95666)
YUV	136.5610, -17.0386, 98.6090
Hunter-Lab	52.6826, 59.5805, 19.3661

Details

The Yxy color **27.7546, 0.5084, 0.3150** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **75.6218, 0.2416, 0.3485**, and the grayscale version is **24.8812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2048, 0.4193, 0.3189**, and **11.0290, 0.5739, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **24.0619, 0.5538, 0.3160**, and if you desaturate by 10%, it is **32.9554, 0.4637, 0.3157**.

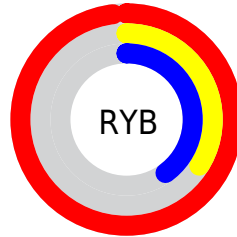
Distribution



Red (98%)

Green (34%)

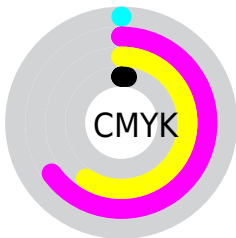
Blue (40%)



Red (98%)

Yellow (34%)

Blue (40%)

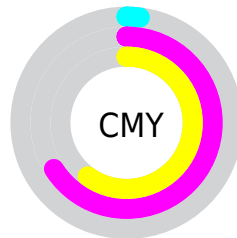


Cyan (0%)

Magenta (65%)

Yellow (59%)

Black (2%)



Cyan (2%)


Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.7546, 0.5084, 0.3150 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 27.7546, 0.5084, 0.3150 by changing the saturation by 10% instead.


 27.7546, 0.5084,
0.3150


 27.7546, 0.5084,
0.3150


291.2924, 0.4024,
0.3286


 18.1408, 0.5366,
0.3090


 56.0924, 0.4684,
0.3218


 11.0511, 0.5732,
0.2998


 75.5852, 0.4537,
0.3237

 6.1012, 0.6218,
0.2845


 99.1397, 0.4416,
0.3252

 2.9067, 0.6906,
0.2594

 127.1403, 0.4313,
0.3263

 1.0832, 0.7859,
0.2141

159.9716, 0.4225,
0.3271

 0.0000, 1.0000,
0.0000

198.0177, 0.4149,

 0.0000, 0.0000,

0.3277

0.0000

241.6632, 0.4082,
0.3282

■ 27.7546, 0.5084,
0.3150

■ 27.7546, 0.5084,
0.3150

■ 24.0619, 0.5538,
0.3160

■ 32.9554, 0.4637,
0.3157

■ 21.7115, 0.5940,
0.3188

■ 39.7978, 0.4237,
0.3175


■ 20.5069, 0.6226,
0.3233


■ 48.4060, 0.3896,
0.3199

■ 20.2094, 0.6312,
0.3251

■ 58.8909, 0.3617,
0.3225

■ 71.3543, 0.3391,
0.3252

 85.8908, 0.3210,
0.3277

 98.8818, 0.3090,
0.3290

Harmonies

Analogous

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



27.7546, 0.4174, 0.2499



27.7546, 0.5084, 0.3150



27.7546, 0.5275, 0.3873

Triad

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



27.7546, 0.5084, 0.3150



27.7546, 0.2914, 0.5271



27.7546, 0.1539, 0.1762

Complementary

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



27.7546, 0.5084, 0.3150



75.6218, 0.2416, 0.3485

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.



27.7546, 0.1342, 0.2126



27.7546, 0.5084, 0.3150



27.7546, 0.2016, 0.4252

Square

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



27.7546, 0.5084, 0.3150



27.7546, 0.3919, 0.5284



27.7546, 0.1480, 0.2964



27.7546, 0.2081, 0.1741

Rectangle

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



27.7546, 0.5084, 0.3150



27.7546, 0.5009, 0.4384



27.7546, 0.1480, 0.2964



27.7546, 0.1437, 0.1840

Sweetspot

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



27.7562, 0.5084, 0.3150



69.0491, 0.3488, 0.3240



30.7707, 0.3040, 0.1734



13.9996, 0.3553, 0.3232



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.



27.7562, 0.5084, 0.3150



24.3416, 0.5694, 0.3168



43.0127, 0.4747, 0.3938



17.2528, 0.3279, 0.3267



10.8258, 0.6290, 0.3239



1.0116, 0.6070, 0.3117

Inverse Universe

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



27.7562, 0.5084, 0.3150



24.3416, 0.5694, 0.3168



43.0194, 0.2149, 0.2431



17.2528, 0.3279, 0.3267



10.8258, 0.6290, 0.3239



1.0116, 0.6070, 0.3117

Previews

White Background



This preview shows how the Yxy color 27.7546, 0.5084, 0.3150 looks on a white background.

Color Contrast Check

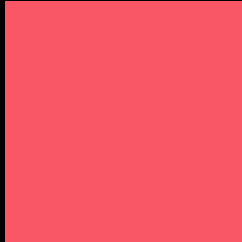
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7546, 0.5084, 0.3150 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 27.7546, 0.5084, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 27.7546, 0.5084, 0.3150.



This preview shows how white text looks on a background with the Yxy color 27.7546, 0.5084, 0.3150.

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

27.7546, 0.5084, 0.3150

Protanopia

27.9891, 0.3353, 0.3549

Deuteranopia

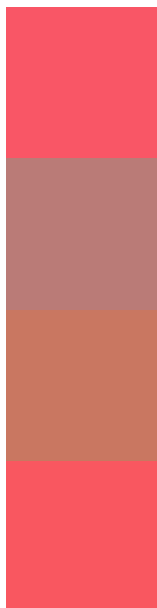
27.8693, 0.4010, 0.3943



Tritanopia

27.9095, 0.5188, 0.3251

Trichromacy



Original Color

27.7546, 0.5084, 0.3150

Protanomaly

25.9369, 0.3959, 0.3349

Deuteranomaly

26.4742, 0.4438, 0.3577

Tritanomaly

27.8007, 0.5156, 0.3215

Monochromacy



Original Color

27.7546, 0.5084, 0.3150

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8771, 0.3821, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7546, 0.5084, 0.3150 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(249, 86, 102)` looks like.

```
.text, #text, p{  
    color:rgb(249, 86, 102)  
}
```

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(249, 86, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 86, 102) }
```

Border

The CSS property to change the border of an element to Yxy 27.7546, 0.5084, 0.3150 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(249, 86, 102) }
```

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

```
.border{ border-color:rgb(249, 86, 102) }
```

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

Here you see how a box with a 4 pixel rgb(249, 86, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 86, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 86, 102);  
box-shadow:4px 4px 4px 4px rgb(249, 86,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7546, 0.5084, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 86, 102) }
```

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

```
.background{ background-color: rgb(249, 86,  
102) }
```

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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