

Converting Colors

$Yxy(27.3218, 0.5072, 0.3117)$

Have a look what the booklet for
Yxy(27.3218, 0.5072, 0.3117)
contains.

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Color

Yxy(27.2764, 0.5074, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	F85467
RGB	248, 84, 103
RGB Percent	97%, 33%, 40%
CMY	0.0274, 0.6706, 0.5961
CMYK	0.00, 0.66, 0.58, 0.03
HSL	353°, 92%, 65%
HSV	353°, 66%, 97%
XYZ	44.3307, 27.2764, 15.7613
YIQ	135.2020, 91.6450, 40.6770

Conversions

Conversions Part 2

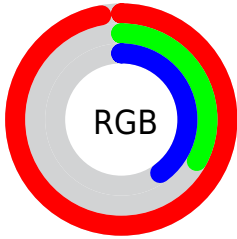
Format	Color
R_{YB}	248, 84, 103
Decimal	16274535
CIE _{Lab}	59.23, 63.49, 24.69
CIE _{LCh}	59, 68.125, 21.252
Yxy	27.2764, 0.5074, 0.3122
Android (android.graphics.Color)	4294464615 (0xFFFF85467)
YUV	135.2020, -15.8756, 98.9238
Hunter-Lab	52.2268, 60.1159, 18.6660

Details

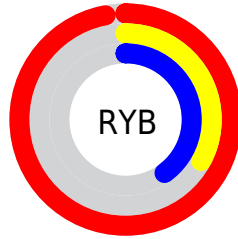
The Yxy color **27.2764, 0.5074, 0.3122** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **74.6786, 0.2424, 0.3524**, and the grayscale version is **24.3435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9391, 0.4186, 0.3168**, and **10.7735, 0.5731, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **23.7013, 0.5522, 0.3133**, and if you desaturate by 10%, it is **32.3320, 0.4633, 0.3130**.

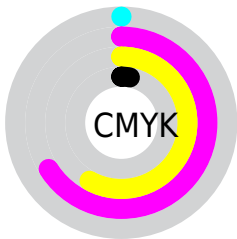
Distribution



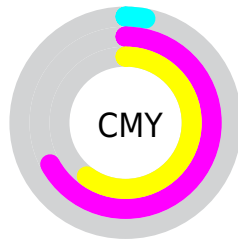
- Red (97%)
- Green (33%)
- Blue (40%)



- Red (97%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (66%)
- Yellow (58%)
- Black (3%)



- Cyan (3%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2764, 0.5074, 0.3122 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 27.2764, 0.5074, 0.3122 by changing the saturation by 10% instead.

 27.2764, 0.5074,
0.3122


 27.2764, 0.5074,
0.3122


288.9929, 0.4016,
0.3271


 17.7809, 0.5357,
0.3060


 55.3271, 0.4673,
0.3194


 10.7928, 0.5725,
0.2964


 74.6511, 0.4527,
0.3215

 5.9277, 0.6217,
0.2808

 98.0200, 0.4406,
0.3231

 2.8012, 0.6912,
0.2550

 125.8183, 0.4304,
0.3243

 1.0288, 0.7906,
0.2094

158.4304, 0.4216,
0.3253

 0.0000, 1.0000,
0.0000

196.2405, 0.4140,

 0.0000, 0.0000,

0.3260

0.0000

239.6333, 0.4074,
0.3266

■ 27.2764, 0.5074,
0.3122

■ 27.2764, 0.5074,
0.3122

■ 23.7013, 0.5522,
0.3133

■ 32.3320, 0.4633,
0.3130

■ 21.4416, 0.5920,
0.3166

■ 39.0009, 0.4237,
0.3152


■ 20.3003, 0.6207,
0.3218

■ 47.4065, 0.3901,
0.3180

■ 20.0442, 0.6286,
0.3236

■ 57.6587, 0.3624,
0.3211

■ 69.8585, 0.3399,
0.3243

 84.0995, 0.3219,
0.3273

 98.6968, 0.3084,
0.3290

Harmonies

Analogous

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



27.2764, 0.4138, 0.2472



27.2764, 0.5074, 0.3122



27.2764, 0.5294, 0.3845

Triad

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



27.2764, 0.5074, 0.3122



27.2764, 0.2948, 0.5305



27.2764, 0.1518, 0.1761

Complementary

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



27.2764, 0.5074, 0.3122



74.6786, 0.2424, 0.3524

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.



27.2764, 0.1333, 0.2140



27.2764, 0.5074, 0.3122



27.2764, 0.2037, 0.4308

Square

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



27.2764, 0.5074, 0.3122



27.2764, 0.3956, 0.5279



27.2764, 0.1484, 0.3002



27.2764, 0.2048, 0.1729

Rectangle

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



27.2764, 0.5074, 0.3122



27.2764, 0.5039, 0.4358



27.2764, 0.1484, 0.3002



27.2764, 0.1420, 0.1843

Sweetspot

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



27.2779, 0.5074, 0.3122



69.0943, 0.3481, 0.3231



29.7557, 0.3012, 0.1711



14.0102, 0.3545, 0.3222



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.



27.2779, 0.5074, 0.3122



24.3908, 0.5649, 0.3141



41.4246, 0.4792, 0.3913



17.2579, 0.3276, 0.3263



10.8379, 0.6261, 0.3223



1.0140, 0.6014, 0.3087

Inverse Universe

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



27.2779, 0.5074, 0.3122



24.3908, 0.5649, 0.3141



43.4180, 0.2151, 0.2459



17.2579, 0.3276, 0.3263



10.8379, 0.6261, 0.3223



1.0140, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 27.2764, 0.5074, 0.3122 looks on a white background.

Color Contrast Check

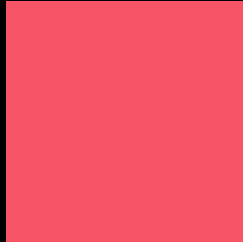
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2764, 0.5074, 0.3122 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 27.2764, 0.5074, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 27.2764, 0.5074, 0.3122.



This preview shows how white text looks on a background with the Yxy color 27.2764, 0.5074, 0.3122.

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

27.2764, 0.5074, 0.3122

Protanopia

27.3473, 0.3326, 0.3485

Deuteranopia

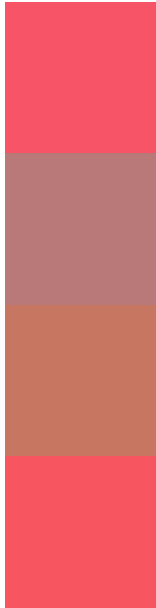
27.3755, 0.3982, 0.3921



Tritanopia

27.1851, 0.5212, 0.3252

Trichromacy



Original Color

27.2764, 0.5074, 0.3122

Protanomaly

25.3451, 0.3945, 0.3307

Deuteranomaly

25.9808, 0.4411, 0.3555

Tritanomaly

27.0974, 0.5167, 0.3206

Monochromacy



Original Color

27.2764, 0.5074, 0.3122

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.1509, 0.3818, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2764, 0.5074, 0.3122 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, 84, 103)` looks like.

```
.text, #text, p{  
  color:rgb(248, 84, 103)  
}
```

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, 84, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 84, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.2764, 0.5074, 0.3122 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, 84, 103) }
```

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

```
.border{ border-color:rgb(248, 84, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 84, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 84, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 84, 103);  
box-shadow:4px 4px 4px 4px rgb(248, 84,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2764, 0.5074, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 84, 103) }
```

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

```
.background{ background-color: rgb(248, 84,  
103) }
```

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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