

Converting Colors

$Yxy(28.1942, 0.5159, 0.3119)$

Have a look what the booklet for
Yxy(28.1942, 0.5159, 0.3119)
contains.

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Color

Yxy(28.2539, 0.5157, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	FF5266
RGB	255, 82, 102
RGB Percent	100%, 32%, 40%
CMY	0.0000, 0.6784, 0.6001
CMYK	0.00, 0.68, 0.60, 0.00
HSL	353°, 100%, 66%
HSV	353°, 68%, 100%
XYZ	46.6556, 28.2539, 15.5609
YIQ	136.0070, 96.6880, 42.8960

Conversions

Conversions Part 2

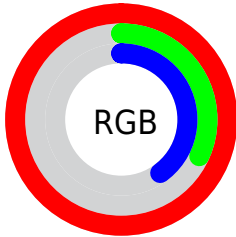
Format	Color
R_{YB}	255, 82, 102
Decimal	16732774
CIE Lab	60.12, 66.33, 26.67
CIE LCh	60, 71.489, 21.906
Yxy	28.2539, 0.5157, 0.3123
Android (android.graphics.Color)	4294922854 (0xFFFF5266)
YUV	136.0070, -16.7655, 104.3569
Hunter-Lab	53.1544, 63.6558, 19.8510

Details

The Yxy color **28.2539, 0.5157, 0.3123** 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 **79.3139, 0.2415, 0.3531**, and the grayscale version is **24.6614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6097, 0.4202, 0.3168**, and **11.3522, 0.5810, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **24.7089, 0.5602, 0.3138**, and if you desaturate by 10%, it is **33.3511, 0.4711, 0.3128**.

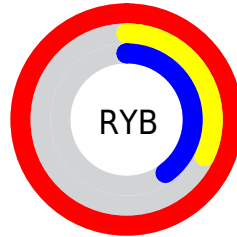
Distribution



Red (100%)

Green (32%)

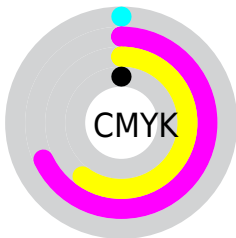
Blue (40%)



Red (100%)

Yellow (32%)

Blue (40%)

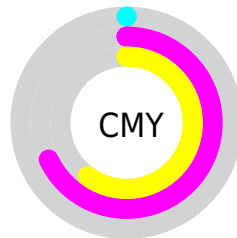


Cyan (0%)

Magenta (68%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2539, 0.5157, 0.3123 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 28.2539, 0.5157, 0.3123 by changing the saturation by 10% instead.


 28.2539, 0.5157,
0.3123


 28.2539, 0.5157,
0.3123


293.6782, 0.4062,
0.3277

 18.5171, 0.5445,
0.3058


 56.8896, 0.4745,
0.3198

 11.3219, 0.5817,
0.2958


 76.5572, 0.4594,
0.3220

 6.2838, 0.6308,
0.2798


 100.3040, 0.4469,
0.3237

 3.0184, 0.6992,
0.2537

 128.5143, 0.4362,
0.3249

 1.1413, 0.7923,
0.2077

161.5724, 0.4271,
0.3259

 0.0130, 0.9932,
0.0068

199.8629, 0.4192,

 0.0000, 1.0000,

0.3266

0.0000

243.7700, 0.4123,
0.3272

■ 0.0000, 0.0000,
0.0000

■ 28.2539, 0.5157,
0.3123

■ 28.2539, 0.5157,
0.3123

■ 24.7089, 0.5602,
0.3138

■ 33.3511, 0.4711,
0.3128

■ 22.5347, 0.5984,
0.3175

■ 40.1476, 0.4304,
0.3148


■ 21.4970, 0.6247,
0.3229

■ 48.7774, 0.3956,
0.3175

■ 21.3509, 0.6288,
0.3238

■ 59.3604, 0.3668,
0.3206

■ 72.0060, 0.3435,
0.3238

 86.8158, 0.3248,
0.3268

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



28.2539, 0.4199, 0.2459



28.2539, 0.5157, 0.3123



28.2539, 0.5356, 0.3860

Triad

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



28.2539, 0.5157, 0.3123



28.2539, 0.2907, 0.5379



28.2539, 0.1483, 0.1713

Complementary

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



28.2539, 0.5157, 0.3123



79.3139, 0.2415, 0.3531

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.



28.2539, 0.1286, 0.2087



28.2539, 0.5157, 0.3123



28.2539, 0.1980, 0.4319

Square

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



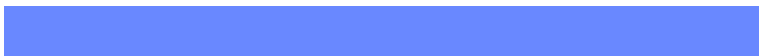
28.2539, 0.5157, 0.3123



28.2539, 0.3944, 0.5351



28.2539, 0.1428, 0.2959



28.2539, 0.2031, 0.1690

Rectangle

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



28.2539, 0.5157, 0.3123



28.2539, 0.5076, 0.4388



28.2539, 0.1428, 0.2959



28.2539, 0.1381, 0.1793

Sweetspot

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



28.2552, 0.5157, 0.3123



69.0933, 0.3481, 0.3231



30.8874, 0.3007, 0.1680



14.0099, 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.



28.2552, 0.5157, 0.3123



23.8827, 0.5732, 0.3148



43.1507, 0.4853, 0.3921



18.0212, 0.3276, 0.3263



11.1671, 0.6263, 0.3224



1.0978, 0.6029, 0.3095

Inverse Universe

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



28.2552, 0.5157, 0.3123



23.8827, 0.5732, 0.3148



45.2752, 0.2130, 0.2432



18.0212, 0.3276, 0.3263



11.1671, 0.6263, 0.3224



1.0978, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 28.2539, 0.5157, 0.3123 looks on a white background.

Color Contrast Check

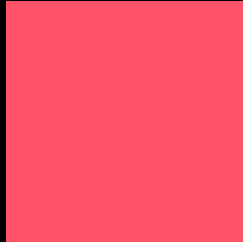
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2539, 0.5157, 0.3123 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 28.2539, 0.5157, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 28.2539, 0.5157, 0.3123.



This preview shows how white text looks on a background with the Yxy color 28.2539, 0.5157, 0.3123.

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

28.2539, 0.5157, 0.3123

Protanopia

28.4418, 0.3342, 0.3531

Deuteranopia

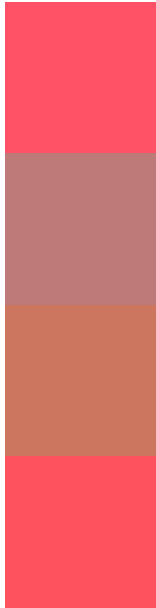
28.3695, 0.4036, 0.3964



Tritanopia

28.1327, 0.5304, 0.3254

Trichromacy



Original Color

28.2539, 0.5157, 0.3123

Protanomaly

26.0940, 0.3988, 0.3321

Deuteranomaly

26.6388, 0.4491, 0.3572

Tritanomaly

28.0655, 0.5248, 0.3203

Monochromacy



Original Color

28.2539, 0.5157, 0.3123

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5297, 0.3842, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2539, 0.5157, 0.3123 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(255, 82, 102)` looks like.

```
.text, #text, p{  
  color:rgb(255, 82, 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(255, 82, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 102) }
```

Border

The CSS property to change the border of an element to Yxy 28.2539, 0.5157, 0.3123 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(255, 82, 102) }
```

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

```
.border{ border-color:rgb(255, 82, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2539, 0.5157, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 102) }
```

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

```
.background{ background-color: rgb(255, 82,  
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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