

Converting Colors

$Y_{xy}(28.2358, 0.5170, 0.3132)$

Have a look what the booklet for
Yxy(28.2358, 0.5170, 0.3132)
contains.

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Color

Yxy(28.2342, 0.5170, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FF5265
RGB	255, 82, 101
RGB Percent	100%, 32%, 40%
CMY	0.0000, 0.6784, 0.6039
CMYK	0.00, 0.68, 0.60, 0.00
HSL	353°, 100%, 66%
HSV	353°, 68%, 100%
XYZ	46.6063, 28.2342, 15.3070
YIQ	135.8930, 97.0090, 42.5850

Conversions

Conversions Part 2

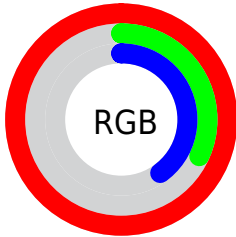
Format	Color
R_{YB}	255, 82, 101
Decimal	16732773
CIE Lab	60.10, 66.26, 27.21
CIE LCh	60, 71.635, 22.326
Yxy	28.2342, 0.5170, 0.3132
Android (android.graphics.Color)	4294922853 (0xFFFF5265)
YUV	135.8930, -17.2022, 104.4568
Hunter-Lab	53.1359, 63.5773, 20.1152

Details

The Yxy color **28.2342, 0.5170, 0.3132** 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 **79.3696, 0.2411, 0.3519**, and the grayscale version is **24.6191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2832, 0.4217, 0.3168**, and **11.3522, 0.5810, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **24.6924, 0.5616, 0.3147**, and if you desaturate by 10%, it is **33.3300, 0.4721, 0.3137**.

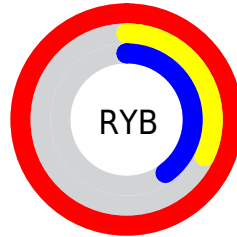
Distribution



Red (100%)

Green (32%)

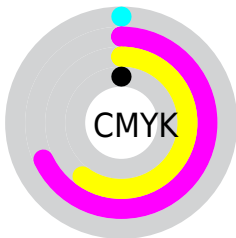
Blue (40%)



Red (100%)

Yellow (32%)

Blue (40%)

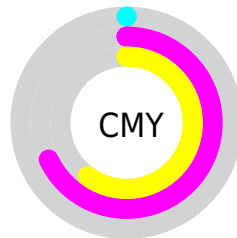


Cyan (0%)

Magenta (68%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2342, 0.5170, 0.3132 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 28.2342, 0.5170, 0.3132 by changing the saturation by 10% instead.


 28.2342, 0.5170,
0.3132


 28.2342, 0.5170,
0.3132


293.5843, 0.4069,
0.3282


 18.5023, 0.5459,
0.3067


 56.8581, 0.4756,
0.3206

 11.3112, 0.5833,
0.2968


 76.5189, 0.4604,
0.3228

 6.2766, 0.6325,
0.2806


 100.2582, 0.4477,
0.3244

 3.0140, 0.7015,
0.2546

 128.4602, 0.4370,
0.3256

 1.1390, 0.7923,
0.2077

161.5094, 0.4278,
0.3265

 0.0110, 0.9942,
0.0058

199.7903, 0.4199,


 0.0000, 1.0000,


0.3272


0.0000


243.6871, 0.4130,
0.3278


 0.0000, 0.0000,
0.0000


 28.2342, 0.5170,
0.3132


 28.2342, 0.5170,
0.3132


 24.6924, 0.5616,
0.3147


 33.3300, 0.4721,
0.3137


 22.5220, 0.5997,
0.3183


 40.1260, 0.4312,
0.3155


 21.4887, 0.6256,
0.3234

 48.7569, 0.3962,
0.3181

 21.3435, 0.6297,
0.3242

 59.3426, 0.3672,
0.3210

 71.9928, 0.3437,
0.3240

 86.8091, 0.3248,
0.3269

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



28.2342, 0.4218, 0.2466



28.2342, 0.5170, 0.3132



28.2342, 0.5357, 0.3871

Triad

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



28.2342, 0.5170, 0.3132



28.2342, 0.2892, 0.5376



28.2342, 0.1485, 0.1708

Complementary

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



28.2342, 0.5170, 0.3132



79.3696, 0.2411, 0.3519

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.



28.2342, 0.1284, 0.2076



28.2342, 0.5170, 0.3132



28.2342, 0.1967, 0.4301

Square

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



28.2342, 0.5170, 0.3132



28.2342, 0.3930, 0.5362



28.2342, 0.1421, 0.2942



28.2342, 0.2039, 0.1689

Rectangle

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



28.2342, 0.5170, 0.3132



28.2342, 0.5071, 0.4400



28.2342, 0.1421, 0.2942



28.2342, 0.1382, 0.1786

Sweetspot

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



28.2358, 0.5170, 0.3132



69.0790, 0.3484, 0.3234



30.8873, 0.3007, 0.1680



14.0066, 0.3547, 0.3225



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.



28.2358, 0.5170, 0.3132



23.8675, 0.5746, 0.3156



43.1505, 0.4853, 0.3921



18.0195, 0.3277, 0.3264



11.1630, 0.6273, 0.3229



1.0970, 0.6046, 0.3104

Inverse Universe

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



28.2358, 0.5170, 0.3132



23.8675, 0.5746, 0.3156



45.2749, 0.2130, 0.2432



18.0195, 0.3277, 0.3264



11.1630, 0.6273, 0.3229



1.0970, 0.6046, 0.3104

Previews

White Background



This preview shows how the Yxy color 28.2342, 0.5170, 0.3132 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 28.2342, 0.5170, 0.3132 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 28.2342, 0.5170, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 28.2342, 0.5170, 0.3132.



This preview shows how white text looks on a background with the Yxy color 28.2342, 0.5170, 0.3132.

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

28.2342, 0.5170, 0.3132

Protanopia

28.5112, 0.3363, 0.3546

Deuteranopia

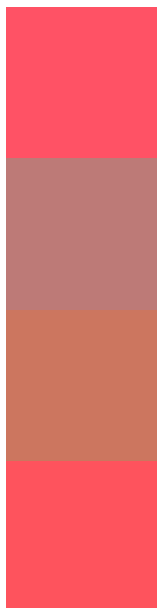
28.3519, 0.4047, 0.3978



Tritanopia

28.1327, 0.5304, 0.3254

Trichromacy



Original Color

28.2342, 0.5170, 0.3132

Protanomaly

26.0698, 0.4000, 0.3335

Deuteranomaly

26.6205, 0.4503, 0.3584

Tritanomaly

28.0477, 0.5260, 0.3211

Monochromacy



Original Color

28.2342, 0.5170, 0.3132

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5045, 0.3855, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2342, 0.5170, 0.3132 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, 101)` looks like.

```
.text, #text, p{  
  color:rgb(255, 82, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 101) }
```

Border

The CSS property to change the border of an element to Yxy 28.2342, 0.5170, 0.3132 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, 101) }
```

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

```
.border{ border-color:rgb(255, 82, 101) }
```

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, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2342, 0.5170, 0.3132 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, 101) }
```

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

```
.background{ background-color: rgb(255, 82,  
101) }
```

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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