

Converting Colors

$Y_{xy}(29.7467, 0.5127, 0.3223)$

Have a look what the booklet for
Yxy(29.7467, 0.5127, 0.3223)
contains.

Yxy(29.8344, 0.5120, 0.3225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.8344, 0.5120, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C64
RGB	255, 92, 100
RGB Percent	100%, 36%, 39%
CMY	0.0000, 0.6391, 0.6080
CMYK	0.00, 0.64, 0.61, 0.00
HSL	357°, 100%, 68%
HSV	357°, 64%, 100%
XYZ	47.3650, 29.8344, 15.3104
YIQ	141.6490, 94.5800, 37.0440

Conversions

Conversions Part 2

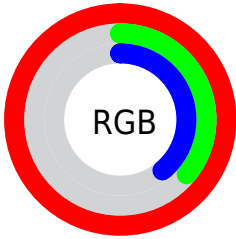
Format	Color
R _Y B	255, 92, 100
Decimal	16735332
CIE Lab	61.51, 62.31, 29.64
CIE LCh	62, 68.999, 25.439
Yxy	29.8344, 0.5120, 0.3225
Android (android.graphics.Color)	4294925412 (0xFFFF5C64)
YUV	141.6490, -20.5330, 99.4088
Hunter-Lab	54.6209, 59.2014, 21.6155

Details

The Yxy color **29.8344, 0.5120, 0.3225** 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 **80.5115, 0.2393, 0.3382**, and the grayscale version is **26.9608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9893, 0.4187, 0.3272**, and **12.2023, 0.5763, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **25.7343, 0.5588, 0.3231**, and if you desaturate by 10%, it is **35.5637, 0.4657, 0.3228**.

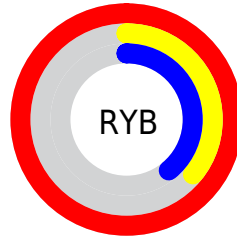
Distribution



Red (100%)

Green (36%)

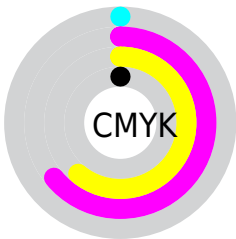
Blue (39%)



Red (100%)

Yellow (36%)

Blue (39%)

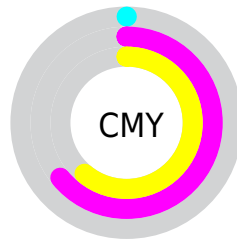


Cyan (0%)

Magenta (64%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8344, 0.5120, 0.3225 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 29.8344, 0.5120, 0.3225 by changing the saturation by 10% instead.


 29.8344, 0.5120,
0.3225


 29.8344, 0.5120,
0.3225


301.1318, 0.4054,
0.3328


 19.7129, 0.5397,
0.3173


 59.4002, 0.4722,
0.3281


 12.1865, 0.5752,
0.3089


 79.6133, 0.4575,
0.3297

 6.8709, 0.6217,
0.2948


 103.9591, 0.4452,
0.3307

 3.3815, 0.6865,
0.2716

 132.8219, 0.4348,
0.3315

 1.3340, 0.7714,
0.2286

166.5862, 0.4259,
0.3320

 0.1673, 0.9224,
0.0776

205.6364, 0.4181,


 0.0000, 1.0000,


0.3323


0.0000


250.3568, 0.4114,
0.3326


 0.0000, 0.0000,
0.0000

 29.8344, 0.5120,
0.3225

 29.8344, 0.5120,
0.3225


 25.7343, 0.5588,
0.3231


 35.5637, 0.4657,
0.3228


 23.0894, 0.5995,
0.3246


 43.0626, 0.4242,
0.3236


 21.6957, 0.6272,
0.3270

 52.4626, 0.3891,
0.3248

 21.2867, 0.6366,
0.3281

 63.8809, 0.3604,
0.3261

 77.4255, 0.3373,
0.3273

 93.1967, 0.3189,
0.3286

99.9991, 0.3127,
0.3290

Harmonies

Analogous

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



29.8344, 0.4279, 0.2567



29.8344, 0.5120, 0.3225



29.8344, 0.5234, 0.3949

Triad

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



29.8344, 0.5120, 0.3225



29.8344, 0.2818, 0.5186



29.8344, 0.1590, 0.1758

Complementary

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



29.8344, 0.5120, 0.3225



80.5115, 0.2393, 0.3382

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.



29.8344, 0.1361, 0.2081



29.8344, 0.5120, 0.3225



29.8344, 0.1954, 0.4105

Square

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



29.8344, 0.5120, 0.3225



29.8344, 0.3816, 0.5305



29.8344, 0.1463, 0.2859



29.8344, 0.2167, 0.1767

Rectangle

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



29.8344, 0.5120, 0.3225



29.8344, 0.4933, 0.4459



29.8344, 0.1463, 0.2859



29.8344, 0.1477, 0.1824

Sweetspot

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



29.8361, 0.5120, 0.3225



70.2670, 0.3484, 0.3267



34.6235, 0.3120, 0.1795



14.2311, 0.3552, 0.3263



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.



29.8361, 0.5120, 0.3225



24.7722, 0.5724, 0.3235



49.0718, 0.4633, 0.4010



18.0014, 0.3287, 0.3279



11.1293, 0.6352, 0.3273



1.0884, 0.6237, 0.3209

Inverse Universe

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



29.8361, 0.5120, 0.3225



24.7722, 0.5724, 0.3235



42.8110, 0.2141, 0.2343



18.0014, 0.3287, 0.3279



11.1293, 0.6352, 0.3273



1.0884, 0.6237, 0.3209

Previews

White Background



This preview shows how the Yxy color 29.8344, 0.5120, 0.3225 looks on a white background.

Color Contrast Check

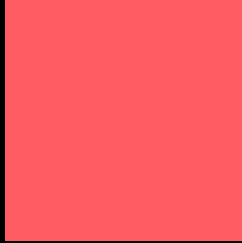
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8344, 0.5120, 0.3225 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 29.8344, 0.5120, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 29.8344, 0.5120, 0.3225.



This preview shows how white text looks on a background with the Yxy color 29.8344, 0.5120, 0.3225.

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

29.8344, 0.5120, 0.3225

Protanopia

29.8031, 0.3461, 0.3667

Deuteranopia

29.8220, 0.4083, 0.4002



Tritanopia

29.7961, 0.5145, 0.3243

Trichromacy



Original Color

29.8344, 0.5120, 0.3225

Protanomaly

28.0136, 0.4064, 0.3471

Deuteranomaly

28.5069, 0.4488, 0.3655

Tritanomaly

29.8151, 0.5132, 0.3234

Monochromacy



Original Color

29.8344, 0.5120, 0.3225

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0149, 0.3817, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8344, 0.5120, 0.3225 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, 92, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 100)  
}
```

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, 92, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 100) }
```

Border

The CSS property to change the border of an element to Yxy 29.8344, 0.5120, 0.3225 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, 92, 100) }
```

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

```
.border{ border-color:rgb(255, 92, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8344, 0.5120, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 100) }
```

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

```
.background{ background-color: rgb(255, 92,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor