

Converting Colors

$Yxy(26.6634, 0.5299, 0.3096)$

Have a look what the booklet for
Yxy(26.6634, 0.5299, 0.3096)
contains.

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Color

Yxy(26.6110, 0.5302, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FF4760
RGB	255, 71, 96
RGB Percent	100%, 28%, 38%
CMY	0.0000, 0.7215, 0.6236
CMYK	0.00, 0.72, 0.62, 0.00
HSL	352°, 100%, 64%
HSV	352°, 72%, 100%
XYZ	45.6017, 26.6110, 13.7957
YIQ	128.8660, 101.6390, 46.7830

Conversions

Conversions Part 2

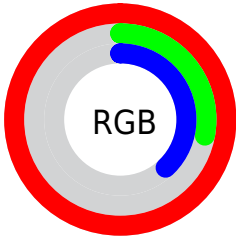
Format	Color
R_{YB}	255, 71, 96
Decimal	16729952
CIE _{Lab}	58.61, 69.82, 28.19
CIE _{LCh}	59, 75.297, 21.986
Yxy	26.6110, 0.5302, 0.3094
Android (android.graphics.Color)	4294920032 (0xFFFF4760)
YUV	128.8660, -16.2029, 110.6195
Hunter-Lab	51.5859, 67.5179, 20.2540

Details

The Yxy color **26.6110, 0.5302, 0.3094** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **78.5698, 0.2409, 0.3596**, and the grayscale version is **21.9387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8379, 0.4322, 0.3149**, and **11.3067, 0.5898, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **23.6693, 0.5726, 0.3121**, and if you desaturate by 10%, it is **31.0291, 0.4858, 0.3093**.

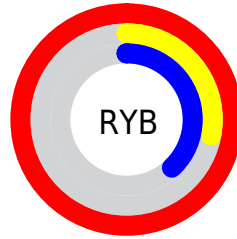
Distribution



Red (100%)

Green (28%)

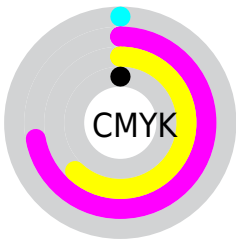
Blue (38%)



Red (100%)

Yellow (28%)

Blue (38%)

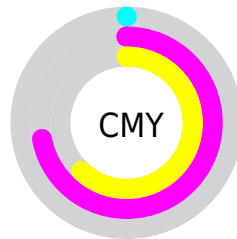


Cyan (0%)

Magenta (72%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6110, 0.5302, 0.3094 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 26.6110, 0.5302, 0.3094 by changing the saturation by 10% instead.


 26.6110, 0.5302,
0.3094


 26.6110, 0.5302,
0.3094


285.7687, 0.4123,
0.3273


 17.2813, 0.5612,
0.3018


 54.2590, 0.4858,
0.3181


 10.4352, 0.6012,
0.2902


 73.3461, 0.4695,
0.3207

 5.6885, 0.6534,
0.2714

 96.4544, 0.4559,
0.3227

 2.6566, 0.7317,
0.2433

 123.9684, 0.4445,
0.3241

 0.9552, 0.8125,
0.1875

 156.2724, 0.4347,
0.3252

 0.0000, 1.0000,
0.0000


193.7509, 0.4262,


 0.0000, 0.0000,


0.3261


0.0000

236.7882, 0.4188,
0.3268


 26.6110, 0.5302,
0.3094

 26.6110, 0.5302,
0.3094


 23.6693, 0.5726,
0.3121


 31.0291, 0.4858,
0.3093


 22.0067, 0.6069,
0.3172


 37.0791, 0.4440,
0.3110


 21.3772, 0.6254,
0.3219

 44.9018, 0.4075,
0.3140

 54.6215, 0.3770,
0.3175

 66.3513, 0.3520,
0.3212

 80.1955, 0.3319,
0.3249

 96.2512, 0.3157,
0.3283

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



26.6110, 0.4277, 0.2407



26.6110, 0.5302, 0.3094



26.6110, 0.5488, 0.3855

Triad

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



26.6110, 0.5302, 0.3094



26.6110, 0.2864, 0.5554



26.6110, 0.1399, 0.1626

Complementary

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



26.6110, 0.5302, 0.3094



78.5698, 0.2409, 0.3596

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.



26.6110, 0.1193, 0.2003



26.6110, 0.5302, 0.3094



26.6110, 0.1894, 0.4397

Square

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



26.6110, 0.5302, 0.3094



26.6110, 0.3953, 0.5477



26.6110, 0.1330, 0.2916



26.6110, 0.1966, 0.1607

Rectangle

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



26.6110, 0.5302, 0.3094



26.6110, 0.5171, 0.4411



26.6110, 0.1330, 0.2916



26.6110, 0.1293, 0.1705

Sweetspot

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



26.6126, 0.5302, 0.3094



66.5420, 0.3517, 0.3213



28.1249, 0.2935, 0.1584



13.5162, 0.3579, 0.3203



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.



26.6126, 0.5302, 0.3094



22.7177, 0.5906, 0.3143



39.1575, 0.5055, 0.3874



18.0272, 0.3273, 0.3258



11.1832, 0.6227, 0.3204



1.1006, 0.5970, 0.3062

Inverse Universe

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



26.6126, 0.5302, 0.3094



22.7177, 0.5906, 0.3143



45.6491, 0.2105, 0.2452



18.0272, 0.3273, 0.3258



11.1832, 0.6227, 0.3204



1.1006, 0.5970, 0.3062

Previews

White Background



This preview shows how the Yxy color 26.6110, 0.5302, 0.3094 looks on a white background.

Color Contrast Check

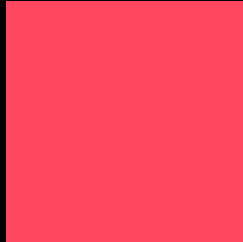
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6110, 0.5302, 0.3094 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 26.6110, 0.5302, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 26.6110, 0.5302, 0.3094.



This preview shows how white text looks on a background with the Yxy color 26.6110, 0.5302, 0.3094.

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

26.6110, 0.5302, 0.3094

Protanopia

26.7592, 0.3347, 0.3537

Deuteranopia

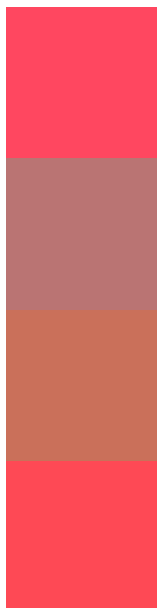
26.6740, 0.4082, 0.4006



Tritanopia

26.5184, 0.5506, 0.3266

Trichromacy



Original Color

26.6110, 0.5302, 0.3094

Protanomaly

24.1677, 0.4049, 0.3307

Deuteranomaly

24.8831, 0.4593, 0.3572

Tritanomaly

26.4918, 0.5427, 0.3202

Monochromacy



Original Color

26.6110, 0.5302, 0.3094

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1234, 0.3924, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6110, 0.5302, 0.3094 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, 71, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 96)  
}
```

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, 71, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 96) }
```

Border

The CSS property to change the border of an element to Yxy 26.6110, 0.5302, 0.3094 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, 71, 96) }
```

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

```
.border{ border-color:rgb(255, 71, 96) }
```

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

Here you see how a box with a 4 pixel rgb(255, 71, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6110, 0.5302, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 96) }
```

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

```
.background{ background-color: rgb(255, 71,  
96) }
```

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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