

Converting Colors

$Yxy(31.4333, 0.5299, 0.3210)$

Have a look what the booklet for
Yxy(31.4333, 0.5299, 0.3210)
contains.

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Color

Yxy(28.7786, 0.5197, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	FF5661
RGB	255, 86, 97
RGB Percent	100%, 34%, 38%
CMY	0.0000, 0.6627, 0.6196
CMYK	0.00, 0.66, 0.62, 0.00
HSL	356°, 100%, 67%
HSV	356°, 66%, 100%
XYZ	46.7236, 28.7786, 14.4028
YIQ	137.7850, 97.1930, 39.2490

Conversions

Conversions Part 2

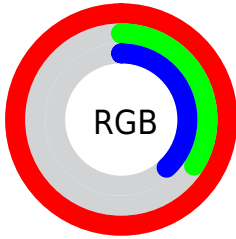
Format	Color
R_{YB}	255, 86, 97
Decimal	16733793
CIE _{Lab}	60.59, 64.50, 30.14
CIE _{LCh}	61, 71.195, 25.046
Yxy	28.7786, 0.5197, 0.3201
Android (android.graphics.Color)	4294923873 (0xFFFF5661)
YUV	137.7850, -20.1070, 102.7976
Hunter-Lab	53.6457, 61.5877, 21.6338

Details

The Yxy color **28.7786, 0.5197, 0.3201** 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 **80.0262, 0.2390, 0.3419**, and the grayscale version is **25.3829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3446, 0.4243, 0.3252**, and **11.5547, 0.5851, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **25.0281, 0.5656, 0.3211**, and if you desaturate by 10%, it is **34.1175, 0.4734, 0.3203**.

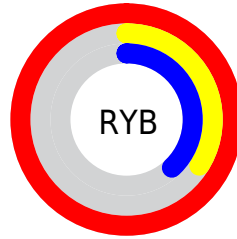
Distribution



Red (100%)

Green (34%)

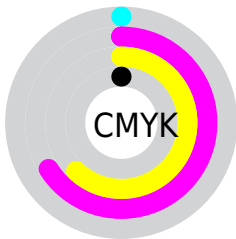
Blue (38%)



Red (100%)

Yellow (34%)

Blue (38%)

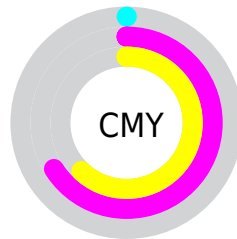


Cyan (0%)

Magenta (66%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (66%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7786, 0.5197, 0.3201 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 28.7786, 0.5197, 0.3201 by changing the saturation by 10% instead.

 28.7786, 0.5197,
0.3201


 28.7786, 0.5197,
0.3201


296.1689, 0.4086,
0.3321

 18.9134, 0.5486,
0.3142


 57.7251, 0.4781,
0.3265


 11.6077, 0.5857,
0.3048


 77.5753, 0.4628,
0.3283

 6.4772, 0.6340,
0.2892


 101.5225, 0.4500,
0.3296

 3.1373, 0.7037,
0.2647

 129.9512, 0.4392,
0.3305

 1.2038, 0.7839,
0.2161

163.2458, 0.4299,
0.3311

 0.0648, 0.9672,
0.0328

201.7907, 0.4218,


 0.0000, 1.0000,

0.3315


0.0000


245.9703, 0.4148,
0.3319

 0.0000, 0.0000,
0.0000


 28.7786, 0.5197,
0.3201


 28.7786, 0.5197,
0.3201


 25.0281, 0.5656,
0.3211

 34.1175, 0.4734,
0.3203


 22.6863, 0.6042,
0.3233


 41.1894, 0.4313,
0.3214

 21.5375, 0.6294,
0.3265

 50.1284, 0.3953,
0.3229

 21.2977, 0.6352,
0.3273

 61.0538, 0.3657,
0.3246

 74.0752, 0.3418,
0.3264

 89.2941, 0.3227,
0.3280

99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



28.7786, 0.4312, 0.2530



28.7786, 0.5197, 0.3201



28.7786, 0.5313, 0.3941

Triad

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



28.7786, 0.5197, 0.3201



28.7786, 0.2806, 0.5292



28.7786, 0.1535, 0.1709

Complementary

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



28.7786, 0.5197, 0.3201



80.0262, 0.2390, 0.3419

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.



28.7786, 0.1305, 0.2039



28.7786, 0.5197, 0.3201



28.7786, 0.1914, 0.4160

Square

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



28.7786, 0.5197, 0.3201



28.7786, 0.3837, 0.5380



28.7786, 0.1409, 0.2847



28.7786, 0.2120, 0.1716

Rectangle

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



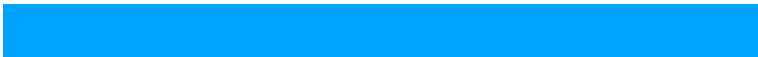
28.7786, 0.5197, 0.3201



28.7786, 0.4996, 0.4469



28.7786, 0.1409, 0.2847



28.7786, 0.1421, 0.1776

Sweetspot

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



28.7802, 0.5197, 0.3201



68.9662, 0.3501, 0.3257



33.0624, 0.3091, 0.1744



13.9802, 0.3568, 0.3252



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.



28.7802, 0.5197, 0.3201



24.0008, 0.5812, 0.3217



46.8098, 0.4728, 0.3998



18.0062, 0.3284, 0.3275



11.1364, 0.6335, 0.3263



1.0907, 0.6184, 0.3181

Inverse Universe

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



28.7802, 0.5197, 0.3201



24.0008, 0.5812, 0.3217



42.5607, 0.2120, 0.2340



18.0062, 0.3284, 0.3275



11.1364, 0.6335, 0.3263



1.0907, 0.6184, 0.3181

Previews

White Background



This preview shows how the Yxy color 28.7786, 0.5197, 0.3201 looks on a white background.

Color Contrast Check

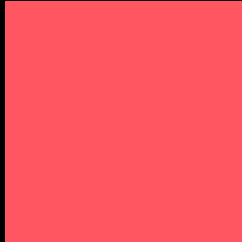
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7786, 0.5197, 0.3201 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 28.7786, 0.5197, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 28.7786, 0.5197, 0.3201.



This preview shows how white text looks on a background with the Yxy color 28.7786, 0.5197, 0.3201.

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

28.7786, 0.5197, 0.3201

Protanopia

28.8329, 0.3455, 0.3673

Deuteranopia

28.8079, 0.4104, 0.4039



Tritanopia

28.8491, 0.5253, 0.3254

Trichromacy



Original Color

28.7786, 0.5197, 0.3201

Protanomaly

26.6839, 0.4089, 0.3445

Deuteranomaly

27.1674, 0.4546, 0.3656

Tritanomaly

28.8845, 0.5228, 0.3236

Monochromacy



Original Color

28.7786, 0.5197, 0.3201

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4475, 0.3867, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7786, 0.5197, 0.3201 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, 86, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 97)  
}
```

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, 86, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 97) }
```

Border

The CSS property to change the border of an element to Yxy 28.7786, 0.5197, 0.3201 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, 86, 97) }
```

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

```
.border{ border-color:rgb(255, 86, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 86, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7786, 0.5197, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 97) }
```

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

```
.background{ background-color: rgb(255, 86,  
97) }
```

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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