

Converting Colors

$Y_{xy}(39.3432, 0.5253, 0.3341)$

Have a look what the booklet for
Yxy(39.3432, 0.5253, 0.3341)
contains.

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Color

Yxy(32.5077, 0.5011, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A65
RGB	255, 106, 101
RGB Percent	100%, 42%, 40%
CMY	0.0000, 0.5843, 0.6039
CMYK	0.00, 0.58, 0.60, 0.00
HSL	2°, 100%, 70%
HSV	2°, 60%, 100%
XYZ	48.7421, 32.5077, 16.0204
YIQ	149.9810, 90.4090, 30.0330

Conversions

Conversions Part 2

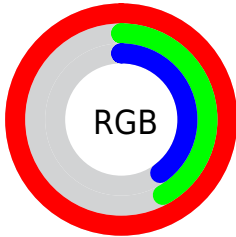
Format	Color
R _Y B	255, 106, 101
Decimal	16738917
CIE Lab	63.76, 56.42, 31.93
CIE LCh	64, 64.829, 29.510
Yxy	32.5077, 0.5011, 0.3342
Android (android.graphics.Color)	4294928997 (0xFFFF6A65)
YUV	149.9810, -24.1476, 92.1017
Hunter-Lab	57.0155, 52.8210, 23.2514

Details

The Yxy color **32.5077, 0.5011, 0.3342** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.3543, 0.2374, 0.3229**, and the grayscale version is **30.5690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3677, 0.4118, 0.3398**, and **13.6694, 0.5588, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **27.7098, 0.5488, 0.3342**, and if you desaturate by 10%, it is **38.9264, 0.4552, 0.3337**.

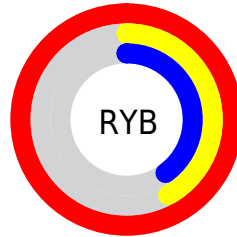
Distribution



Red (100%)

Green (42%)

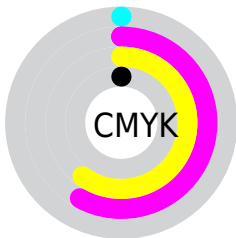
Blue (40%)



Red (100%)

Yellow (42%)

Blue (40%)

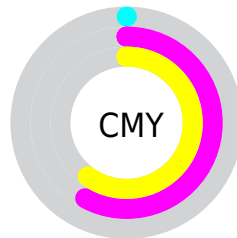


Cyan (0%)

Magenta (58%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5077, 0.5011, 0.3342 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 32.5077, 0.5011, 0.3342 by changing the saturation by 10% instead.


 32.5077, 0.5011,
0.3342


 32.5077, 0.5011,
0.3342


313.4255, 0.4016,
0.3381

 21.7496, 0.5266,
0.3307


 63.6062, 0.4642,
0.3374


 13.6730, 0.5591,
0.3247

 84.7153, 0.4505,
0.3381

 7.8936, 0.6014,
0.3140


 110.0435, 0.4390,
0.3384

 4.0269, 0.6586,
0.2951

 139.9753, 0.4293,
0.3385

 1.6886, 0.7394,
0.2606

174.8950, 0.4209,
0.3385

 0.4163, 0.8383,
0.1617

215.1870, 0.4136,

 0.0000, 1.0000,

0.3384


0.0000

261.2357, 0.4072,
0.3383


 0.0000, 0.0000,
0.0000


 32.5077, 0.5011,
0.3342


 32.5077, 0.5011,
0.3342


 27.7098, 0.5488,
0.3342


 38.9264, 0.4552,
0.3337


 24.3831, 0.5919,
0.3336


 47.0875, 0.4148,
0.3328

 22.3600, 0.6231,
0.3323

 57.1070, 0.3809,
0.3318

 21.4387, 0.6385,
0.3312

 69.0896, 0.3533,
0.3309

 83.1320, 0.3311,
0.3299

99.3247, 0.3133,
0.3290

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



32.5077, 0.4316, 0.2704



32.5077, 0.5011, 0.3342



32.5077, 0.5045, 0.4035

Triad

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



32.5077, 0.5011, 0.3342



32.5077, 0.2740, 0.4907



32.5077, 0.1747, 0.1847

Complementary

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



32.5077, 0.5011, 0.3342



78.3543, 0.2374, 0.3229

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.



32.5077, 0.1486, 0.2114



32.5077, 0.5011, 0.3342



32.5077, 0.1966, 0.3871

Square

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



32.5077, 0.5011, 0.3342



32.5077, 0.3671, 0.5174



32.5077, 0.1545, 0.2784



32.5077, 0.2343, 0.1889

Rectangle

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



32.5077, 0.5011, 0.3342



32.5077, 0.4738, 0.4505



32.5077, 0.1545, 0.2784



32.5077, 0.1624, 0.1898

Sweetspot

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



32.5095, 0.5011, 0.3342



72.2538, 0.3476, 0.3306



37.6241, 0.3216, 0.1905



14.6437, 0.3546, 0.3309



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.



32.5095, 0.5011, 0.3342



27.0787, 0.5562, 0.3342



55.0718, 0.4450, 0.4083



18.0815, 0.3294, 0.3298



11.2436, 0.6378, 0.3318



1.1266, 0.6325, 0.3360

Inverse Universe

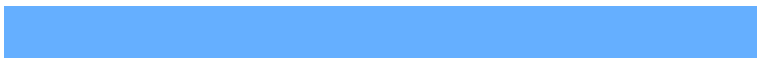
The Inverse Universe completely reimagines the original color for something new.



78.3543, 0.2374, 0.3229



76.3492, 0.2299, 0.3216



40.8173, 0.2156, 0.2267



20.3742, 0.2980, 0.3282



38.4868, 0.2219, 0.3188



3.7778, 0.2222, 0.3200

Previews

White Background



This preview shows how the Yxy color 32.5077, 0.5011, 0.3342 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.5077, 0.5011, 0.3342 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.5077, 0.5011, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 32.5077, 0.5011, 0.3342.



This preview shows how white text looks on a background with the Yxy color 32.5077, 0.5011, 0.3342.

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

32.5077, 0.5011, 0.3342

Protanopia

32.8225, 0.3555, 0.3802

Deuteranopia

32.6793, 0.4109, 0.4026



Tritanopia

32.5330, 0.4884, 0.3229

Trichromacy



Original Color

32.5077, 0.5011, 0.3342

Protanomaly

31.1120, 0.4080, 0.3599

Deuteranomaly

31.6352, 0.4447, 0.3732

Tritanomaly

32.4459, 0.4934, 0.3267

Monochromacy



Original Color

32.5077, 0.5011, 0.3342

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4075, 0.3774, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5077, 0.5011, 0.3342 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, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 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, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 101) }
```

Border

The CSS property to change the border of an element to Yxy 32.5077, 0.5011, 0.3342 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, 106, 101) }
```

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

```
.border{ border-color:rgb(255, 106, 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, 106, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
101) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.5077, 0.5011, 0.3342$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 101) }
```

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

```
.background{ background-color: rgb(255,  
106, 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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