

Converting Colors

$Y_{xy}(32.6529, 0.5061, 0.3398)$

Have a look what the booklet for
Yxy(32.6529, 0.5061, 0.3398)
contains.

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Color

Yxy(32.6199, 0.5062, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B60
RGB	255, 107, 96
RGB Percent	100%, 42%, 38%
CMY	0.0000, 0.5803, 0.6236
CMYK	0.00, 0.58, 0.62, 0.00
HSL	4°, 100%, 69%
HSV	4°, 62%, 100%
XYZ	48.6082, 32.6199, 14.7975
YIQ	149.9980, 91.7390, 27.9550

Conversions

Conversions Part 2

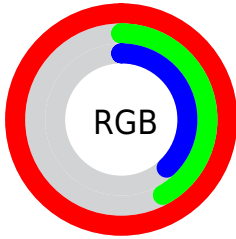
Format	Color
R _Y B	255, 108, 96
Decimal	16739168
CIE Lab	63.85, 55.66, 34.85
CIE LCh	64, 65.667, 32.052
Yxy	32.6199, 0.5062, 0.3397
Android (android.graphics.Color)	4294929248 (0xFFFF6B60)
YUV	149.9980, -26.6210, 92.0868
Hunter-Lab	57.1138, 51.9677, 24.6183

Details

The Yxy color **32.6199, 0.5062, 0.3397** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.3922, 0.2343, 0.3157**, and the grayscale version is **30.5858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5610, 0.4162, 0.3461**, and **13.7094, 0.5652, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **27.9374, 0.5527, 0.3395**, and if you desaturate by 10%, it is **38.8159, 0.4609, 0.3388**.

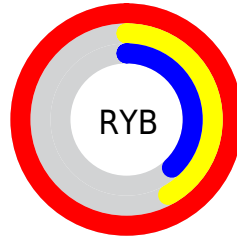
Distribution



Red (100%)

Green (42%)

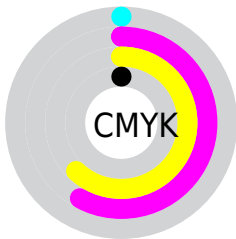
Blue (38%)



Red (100%)

Yellow (42%)

Blue (38%)

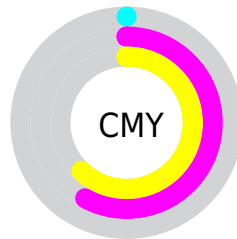


Cyan (0%)

Magenta (58%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6199, 0.5062, 0.3397 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 32.6199, 0.5062, 0.3397 by changing the saturation by 10% instead.


 32.6199, 0.5062,
0.3397

 32.6199, 0.5062,
0.3397


313.9335, 0.4043,
0.3415


 21.8354, 0.5320,
0.3365


 63.7816, 0.4686,
0.3423

 13.7360, 0.5647,
0.3307


 84.9277, 0.4546,
0.3427

 7.9373, 0.6069,
0.3199


 110.2964, 0.4428,
0.3427

 4.0548, 0.6656,
0.3017

 140.2722, 0.4328,
0.3426

 1.7043, 0.7364,
0.2636

175.2393, 0.4242,
0.3424

 0.4264, 0.8340,
0.1660


215.5824, 0.4167,


 0.0000, 1.0000,

0.3421


0.0000


261.6856, 0.4101,
0.3418


 0.0000, 0.0000,
0.0000

 32.6199, 0.5062,
0.3397


 32.6199, 0.5062,
0.3397


 27.9374, 0.5527,
0.3395

 38.8159, 0.4609,
0.3388

 24.6335, 0.5941,
0.3379

 46.6343, 0.4204,
0.3372

 22.5589, 0.6236,
0.3351

 56.1804, 0.3860,
0.3352

 21.6819, 0.6364,
0.3329

 67.5490, 0.3578,
0.3332

 80.8279, 0.3350,
0.3312

 96.0995, 0.3165,
0.3294

99.9996, 0.3127,
0.3290

Harmonies

Analogous

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



32.6199, 0.4410, 0.2748



32.6199, 0.5062, 0.3397



32.6199, 0.5037, 0.4099

Triad

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



32.6199, 0.5062, 0.3397



32.6199, 0.2657, 0.4864



32.6199, 0.1772, 0.1826

Complementary

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



32.6199, 0.5062, 0.3397



74.3922, 0.2343, 0.3157

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.



32.6199, 0.1481, 0.2064



32.6199, 0.5062, 0.3397



32.6199, 0.1902, 0.3774

Square

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



32.6199, 0.5062, 0.3397



32.6199, 0.3593, 0.5208



32.6199, 0.1512, 0.2701



32.6199, 0.2402, 0.1892

Rectangle

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



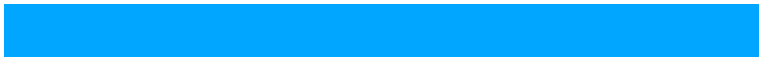
32.6199, 0.5062, 0.3397



32.6199, 0.4698, 0.4571



32.6199, 0.1512, 0.2701



32.6199, 0.1639, 0.1868

Sweetspot

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



32.6217, 0.5062, 0.3397



71.7912, 0.3496, 0.3325



36.1790, 0.3294, 0.1928



14.5900, 0.3566, 0.3331



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.



32.6217, 0.5062, 0.3397



26.9363, 0.5644, 0.3392



57.2612, 0.4444, 0.4177



18.1891, 0.3293, 0.3307



11.4033, 0.6352, 0.3339



1.1776, 0.6243, 0.3425

Inverse Universe

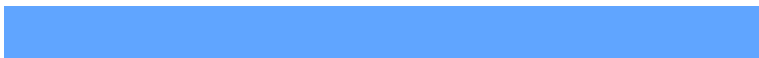
The Inverse Universe completely reimagines the original color for something new.



74.3922, 0.2343, 0.3157



71.6522, 0.2261, 0.3126



36.5775, 0.2103, 0.2119



20.2531, 0.2980, 0.3273



35.6101, 0.2187, 0.3072



3.5293, 0.2194, 0.3098

Previews

White Background



This preview shows how the Yxy color 32.6199, 0.5062, 0.3397 looks on a white background.

Color Contrast Check

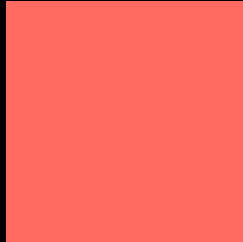
Large Text (above 18pt) WCAG AA × Fail

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 32.6199, 0.5062, 0.3397 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 32.6199, 0.5062, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 32.6199, 0.5062, 0.3397.



This preview shows how white text looks on a background with the Yxy color 32.6199, 0.5062, 0.3397.

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

32.6199, 0.5062, 0.3397

Protanopia

32.7875, 0.3624, 0.3891

Deuteranopia

32.7199, 0.4167, 0.4085



Tritanopia

32.5330, 0.4884, 0.3229

Trichromacy



Original Color

32.6199, 0.5062, 0.3397

Protanomaly

31.2654, 0.4141, 0.3690

Deuteranomaly

31.6939, 0.4511, 0.3786

Tritanomaly

32.6087, 0.4951, 0.3295

Monochromacy



Original Color

32.6199, 0.5062, 0.3397

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.3533, 0.3797, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6199, 0.5062, 0.3397 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, 107, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 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, 107, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 96) }
```

Border

The CSS property to change the border of an element to Yxy 32.6199, 0.5062, 0.3397 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, 107, 96) }
```

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

```
.border{ border-color:rgb(255, 107, 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, 107, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6199, 0.5062, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 96) }
```

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

```
.background{ background-color: rgb(255,  
107, 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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