

Converting Colors

$Y_{xy}(32.8396, 0.5100, 0.3449)$

Have a look what the booklet for
Yxy(32.8396, 0.5100, 0.3449)
contains.

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Color

Yxy(32.7578, 0.5099, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C5C
RGB	255, 108, 92
RGB Percent	100%, 42%, 36%
CMY	0.0001, 0.5764, 0.6393
CMYK	0.00, 0.58, 0.64, 0.00
HSL	6°, 100%, 68%
HSV	6°, 64%, 100%
XYZ	48.5276, 32.7578, 13.8854
YIQ	150.1290, 92.7480, 26.1880

Conversions

Conversions Part 2

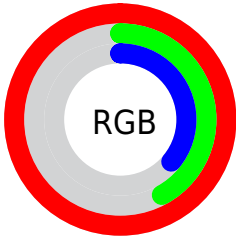
Format	Color
R _Y B	255, 110, 92
Decimal	16739420
CIE Lab	63.96, 54.95, 37.20
CIE LCh	64, 66.360, 34.096
Yxy	32.7578, 0.5099, 0.3442
Android (android.graphics.Color)	4294929500 (0xFFFF6C5C)
YUV	150.1290, -28.6576, 91.9719
Hunter-Lab	57.2344, 51.1853, 25.6800

Details

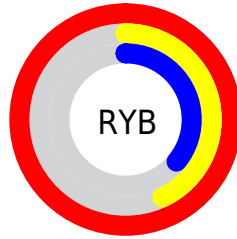
The Yxy color **32.7578, 0.5099, 0.3442** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **71.1828, 0.2317, 0.3095**, and the grayscale version is **30.6547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7941, 0.4196, 0.3513**, and **13.8519, 0.5688, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **28.1586, 0.5553, 0.3438**, and if you desaturate by 10%, it is **38.7886, 0.4651, 0.3430**.

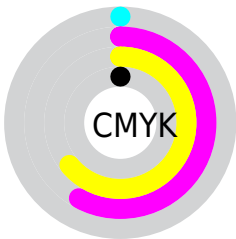
Distribution



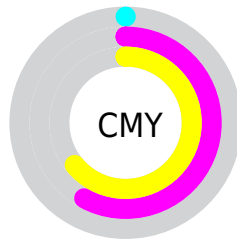
- Red (100%)
- Green (42%)
- Blue (36%)



- Red (100%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (64%)
- Black (0%)




- Cyan (0%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7578, 0.5099, 0.3442 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 32.7578, 0.5099, 0.3442 by changing the saturation by 10% instead.


 32.7578, 0.5099,
0.3442


 32.7578, 0.5099,
0.3442


314.5570, 0.4064,
0.3442


 21.9410, 0.5359,
0.3412


 63.9972, 0.4719,
0.3463


 13.8135, 0.5686,
0.3355


 85.1886, 0.4576,
0.3465

 7.9911, 0.6104,
0.3248


 110.6069, 0.4457,
0.3463

 4.0892, 0.6708,
0.3075

 140.6366, 0.4355,
0.3460

 1.7236, 0.7335,
0.2665

175.6621, 0.4267,
0.3456

 0.4389, 0.8293,
0.1707

216.0677, 0.4190,

 0.0000, 1.0000,

0.3451

0.0000

262.2379, 0.4123,
0.3447

■ 0.0000, 0.0000,
0.0000

■ 32.7578, 0.5099,
0.3442

■ 32.7578, 0.5099,
0.3442

■ 28.1586, 0.5553,
0.3438

■ 38.7886, 0.4651,
0.3430

■ 24.8671, 0.5953,
0.3414

■ 46.3507, 0.4247,
0.3409

■ 22.7473, 0.6235,
0.3373

■ 55.5413, 0.3901,
0.3382

■ 21.9557, 0.6340,
0.3348

■ 66.4478, 0.3614,
0.3354

■ 79.1515, 0.3381,
0.3326

 93.7284, 0.3191,
0.3300

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



32.7578, 0.4484, 0.2785



32.7578, 0.5099, 0.3442



32.7578, 0.5026, 0.4150

Triad

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



32.7578, 0.5099, 0.3442



32.7578, 0.2591, 0.4823



32.7578, 0.1794, 0.1811

Complementary

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



32.7578, 0.5099, 0.3442



71.1828, 0.2317, 0.3095

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.



32.7578, 0.1480, 0.2027



32.7578, 0.5099, 0.3442



32.7578, 0.1852, 0.3695

Square

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



32.7578, 0.5099, 0.3442



32.7578, 0.3530, 0.5231



32.7578, 0.1488, 0.2636



32.7578, 0.2452, 0.1897

Rectangle

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



32.7578, 0.5099, 0.3442



32.7578, 0.4662, 0.4625



32.7578, 0.1488, 0.2636



32.7578, 0.1653, 0.1846

Sweetspot

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



32.7596, 0.5099, 0.3442



72.4912, 0.3493, 0.3340



35.2809, 0.3326, 0.1924



14.7552, 0.3562, 0.3348



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.



32.7596, 0.5099, 0.3442



27.0188, 0.5685, 0.3433



57.5949, 0.4463, 0.4217



18.2746, 0.3292, 0.3314



11.5689, 0.6325, 0.3360



1.2179, 0.6180, 0.3475

Inverse Universe

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



71.1828, 0.2317, 0.3095



67.9371, 0.2232, 0.3050



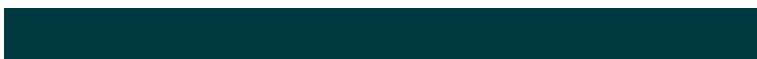
34.5981, 0.2071, 0.2047



20.1576, 0.2980, 0.3266



33.4366, 0.2160, 0.2977



3.3405, 0.2171, 0.3016

Previews

White Background



This preview shows how the Yxy color 32.7578, 0.5099, 0.3442 looks on a white background.

Color Contrast Check

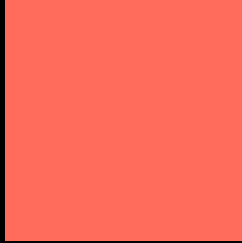
Large Text (above 18pt) WCAG AA × Fail

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 32.7578, 0.5099, 0.3442 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 32.7578, 0.5099, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 32.7578, 0.5099, 0.3442.



This preview shows how white text looks on a background with the Yxy color 32.7578, 0.5099, 0.3442.

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

32.7578, 0.5099, 0.3442

Protanopia

32.7840, 0.3683, 0.3963

Deuteranopia

32.7828, 0.4214, 0.4129



Tritanopia

32.7603, 0.4866, 0.3228

Trichromacy



Original Color

32.7578, 0.5099, 0.3442

Protanomaly

31.2983, 0.4207, 0.3752

Deuteranomaly

31.7758, 0.4563, 0.3827

Tritanomaly

32.7953, 0.4957, 0.3314

Monochromacy



Original Color

32.7578, 0.5099, 0.3442

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6043, 0.3805, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7578, 0.5099, 0.3442 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, 108, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 92)  
}
```

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, 108, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 92) }
```

Border

The CSS property to change the border of an element to Yxy 32.7578, 0.5099, 0.3442 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, 108, 92) }
```

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

```
.border{ border-color:rgb(255, 108, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 108, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7578, 0.5099, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 92) }
```

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

```
.background{ background-color: rgb(255,  
108, 92) }
```

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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