

Converting Colors

$Y_{xy}(30.7148, 0.5250, 0.3470)$

Have a look what the booklet for
Yxy(30.7148, 0.5250, 0.3470)
contains.

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Color

Yxy(30.5969, 0.5252, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	FC6551
RGB	252, 101, 81
RGB Percent	99%, 40%, 32%
CMY	0.0118, 0.6039, 0.6825
CMYK	0.00, 0.60, 0.68, 0.01
HSL	7°, 97%, 65%
HSV	7°, 68%, 99%
XYZ	46.2831, 30.5969, 11.2447
YIQ	143.8690, 96.4160, 25.7920

Conversions

Conversions Part 2

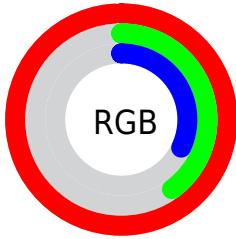
Format	Color
RYB	252, 104, 81
Decimal	16541009
CIELab	62.17, 56.45, 40.93
CIELCh	62, 69.726, 35.950
Yxy	30.5969, 0.5252, 0.3472
Android (android.graphics.Color)	4294731089 (0xFFFC6551)
YUV	143.8690, -30.9944, 94.8309
Hunter-Lab	55.3145, 52.5554, 26.6672

Details

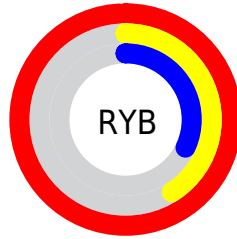
The Yxy color **30.5969, 0.5252, 0.3472** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **66.4662, 0.2279, 0.3041**, and the grayscale version is **27.9332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0126, 0.4350, 0.3563**, and **12.6679, 0.5878, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **26.5367, 0.5688, 0.3460**, and if you desaturate by 10%, it is **35.9697, 0.4803, 0.3464**.

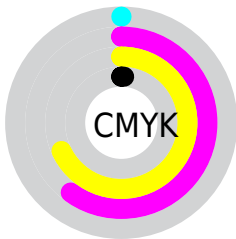
Distribution



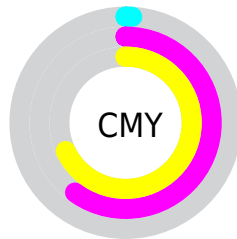
- Red (99%)
- Green (40%)
- Blue (32%)



- Red (99%)
- Yellow (41%)
- Blue (32%)



- Cyan (0%)
- Magenta (60%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5969, 0.5252, 0.3472 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 30.5969, 0.5252, 0.3472 by changing the saturation by 10% instead.


 30.5969, 0.5252,
0.3472


 30.5969, 0.5252,
0.3472


304.6769, 0.4133,
0.3472


 20.2921, 0.5530,
0.3435

 60.6049, 0.4841,
0.3499


 12.6075, 0.5878,
0.3363


 81.0768, 0.4688,
0.3500

 7.1589, 0.6313,
0.3228


 105.7066, 0.4558,
0.3499

 3.5617, 0.6972,
0.3028

 134.8786, 0.4447,
0.3495

 1.4315, 0.7493,
0.2507

 168.9773, 0.4352,
0.3490

 0.2398, 0.8858,
0.1142

208.3869, 0.4269,

 0.0000, 1.0000,

0.3484

0.0000

253.4920, 0.4197,
0.3478

■ 0.0000, 0.0000,
0.0000

■ 30.5969, 0.5252,
0.3472

■ 30.5969, 0.5252,
0.3472

■ 26.5367, 0.5688,
0.3460

■ 35.9697, 0.4803,
0.3464

■ 23.6709, 0.6051,
0.3424

■ 42.7497, 0.4385,
0.3442

■ 21.8668, 0.6285,
0.3372


■ 51.0290, 0.4022,
0.3412

■ 21.6004, 0.6321,
0.3363

■ 60.8899, 0.3716,
0.3379

■ 72.4091, 0.3465,
0.3345

 85.6582, 0.3261,
0.3313

 99.4355, 0.3109,
0.3290

Harmonies

Analogous

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



30.5969, 0.4643, 0.2786



30.5969, 0.5252, 0.3472



30.5969, 0.5110, 0.4216

Triad

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



30.5969, 0.5252, 0.3472



30.5969, 0.2483, 0.4897



30.5969, 0.1748, 0.1725

Complementary

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



30.5969, 0.5252, 0.3472



66.4662, 0.2279, 0.3041

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.



30.5969, 0.1402, 0.1921



30.5969, 0.5252, 0.3472



30.5969, 0.1731, 0.3637

Square

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



30.5969, 0.5252, 0.3472



30.5969, 0.3468, 0.5382



30.5969, 0.1384, 0.2524



30.5969, 0.2460, 0.1835

Rectangle

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



30.5969, 0.5252, 0.3472



30.5969, 0.4691, 0.4726



30.5969, 0.1384, 0.2524



30.5969, 0.1594, 0.1753

Sweetspot

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



30.5986, 0.5252, 0.3472



71.7011, 0.3515, 0.3352



32.4046, 0.3398, 0.1910



14.6195, 0.3583, 0.3362



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.



30.5986, 0.5252, 0.3472



26.1969, 0.5815, 0.3451



56.5919, 0.4510, 0.4305



17.5526, 0.3291, 0.3318



11.3586, 0.6303, 0.3377



1.1541, 0.6132, 0.3513

Inverse Universe

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



66.4662, 0.2279, 0.3041



64.8971, 0.2200, 0.2986



29.4982, 0.1996, 0.1879



19.2408, 0.2980, 0.3261



31.1477, 0.2143, 0.2916



2.9801, 0.2157, 0.2965

Previews

White Background



This preview shows how the Yxy color 30.5969, 0.5252, 0.3472 looks on a white background.

Color Contrast Check

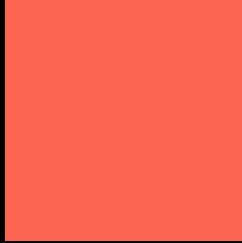
Large Text (above 18pt) WCAG AA × Fail

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 30.5969, 0.5252, 0.3472 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 30.5969, 0.5252, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 30.5969, 0.5252, 0.3472.



This preview shows how white text looks on a background with the Yxy color 30.5969, 0.5252, 0.3472.

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

30.5969, 0.5252, 0.3472

Protanopia

30.9266, 0.3776, 0.4079

Deuteranopia

30.5651, 0.4320, 0.4222



Tritanopia

30.6175, 0.5013, 0.3240

Trichromacy



Original Color

30.5969, 0.5252, 0.3472

Protanomaly

29.2835, 0.4330, 0.3833

Deuteranomaly

29.6618, 0.4688, 0.3905

Tritanomaly

30.6509, 0.5105, 0.3323

Monochromacy



Original Color

30.5969, 0.5252, 0.3472

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.8861, 0.3874, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5969, 0.5252, 0.3472 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(252, 101, 81)` looks like.

```
.text, #text, p{  
    color:rgb(252, 101, 81)  
}
```

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(252, 101, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 101, 81) }
```

Border

The CSS property to change the border of an element to Yxy 30.5969, 0.5252, 0.3472 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(252, 101, 81) }
```

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

```
.border{ border-color:rgb(252, 101, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 101, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 101, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 101, 81);  
box-shadow:4px 4px 4px 4px rgb(252, 101,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5969, 0.5252, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 101, 81) }
```

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

```
.background{ background-color: rgb(252,  
101, 81) }
```

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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