

Converting Colors

$Y_{xy}(45.7599, 0.5641, 0.3358)$

Have a look what the booklet for
Yxy(45.7599, 0.5641, 0.3358)
contains.

Yxy(30.4813, 0.5251, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.4813, 0.5251, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	FF6156
RGB	255, 97, 86
RGB Percent	100%, 38%, 34%
CMY	0.0000, 0.6197, 0.6626
CMYK	0.00, 0.62, 0.66, 0.00
HSL	4°, 100%, 67%
HSV	4°, 66%, 100%
XYZ	47.2006, 30.4813, 12.2069
YIQ	142.9880, 97.6990, 30.0750

Conversions

Conversions Part 2

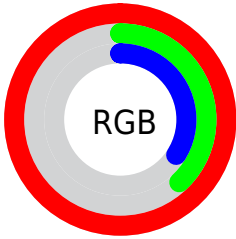
Format	Color
R _Y B	255, 98, 86
Decimal	16736598
CIE Lab	62.07, 59.45, 38.16
CIE LCh	62, 70.646, 32.696
Yxy	30.4813, 0.5251, 0.3391
Android (android.graphics.Color)	4294926678 (0xFFFF6156)
YUV	142.9880, -28.0951, 98.2345
Hunter-Lab	55.2099, 55.9879, 25.5379

Details

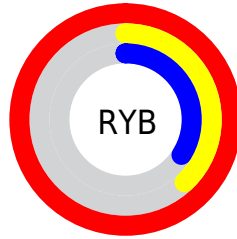
The Yxy color **30.4813, 0.5251, 0.3391** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **73.9294, 0.2317, 0.3157**, and the grayscale version is **27.5462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8200, 0.4323, 0.3471**, and **12.4913, 0.5886, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **26.3756, 0.5705, 0.3384**, and if you desaturate by 10%, it is **36.0541, 0.4786, 0.3386**.

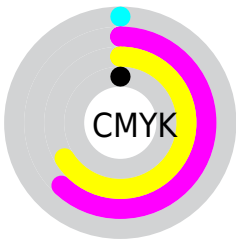
Distribution



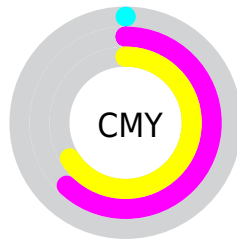
- Red (100%)
- Green (38%)
- Blue (34%)



- Red (100%)
- Yellow (38%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (66%)
- Black (0%)




- Cyan (0%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4813, 0.5251, 0.3391 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 30.4813, 0.5251, 0.3391 by changing the saturation by 10% instead.


 30.4813, 0.5251,
0.3391


 30.4813, 0.5251,
0.3391


304.1415, 0.4128,
0.3428

 20.2042, 0.5533,
0.3347

 60.4225, 0.4837,
0.3429

 12.5436, 0.5888,
0.3269

 80.8554, 0.4683,
0.3436

 7.1150, 0.6337,
0.3128


 105.4423, 0.4553,
0.3439

 3.5341, 0.7062,
0.2938

 134.5677, 0.4442,
0.3439

 1.4165, 0.7592,
0.2408

 168.6159, 0.4347,
0.3437

 0.2289, 0.8959,
0.1041

207.9713, 0.4264,


 0.0000, 1.0000,

0.3435


0.0000


253.0184, 0.4192,
0.3432

 0.0000, 0.0000,
0.0000

 30.4813, 0.5251,
0.3391

 30.4813, 0.5251,
0.3391


 26.3756, 0.5705,
0.3384


 36.0541, 0.4786,
0.3386

 23.6029, 0.6080,
0.3364


 43.2208, 0.4357,
0.3373


 21.9954, 0.6313,
0.3334

 52.0886, 0.3988,
0.3356

 21.6465, 0.6367,
0.3326

 62.7568, 0.3682,
0.3337

 75.3171, 0.3433,
0.3318

 89.8551, 0.3232,
0.3300

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



30.4813, 0.4557, 0.2708



30.4813, 0.5251, 0.3391



30.4813, 0.5180, 0.4136

Triad

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



30.4813, 0.5251, 0.3391



30.4813, 0.2573, 0.5030



30.4813, 0.1678, 0.1714

Complementary

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



30.4813, 0.5251, 0.3391



73.9294, 0.2317, 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.



30.4813, 0.1366, 0.1948



30.4813, 0.5251, 0.3391



30.4813, 0.1777, 0.3787

Square

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



30.4813, 0.5251, 0.3391



30.4813, 0.3577, 0.5400



30.4813, 0.1384, 0.2609



30.4813, 0.2353, 0.1794

Rectangle

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



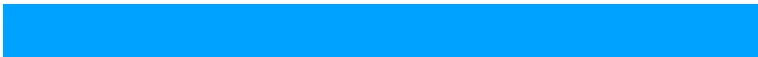
30.4813, 0.5251, 0.3391



30.4813, 0.4787, 0.4654



30.4813, 0.1384, 0.2609



30.4813, 0.1536, 0.1753

Sweetspot

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



30.4796, 0.5251, 0.3391



70.3938, 0.3520, 0.3325



34.6088, 0.3278, 0.1851



14.3134, 0.3590, 0.3330



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.



30.4796, 0.5251, 0.3391



25.1912, 0.5858, 0.3378



54.1588, 0.4564, 0.4187



18.1759, 0.3293, 0.3306



11.3815, 0.6355, 0.3336



1.1713, 0.6252, 0.3418

Inverse Universe

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



73.9294, 0.2317, 0.3157



71.2944, 0.2241, 0.3126



35.0650, 0.2055, 0.2070



20.2678, 0.2980, 0.3274



35.9535, 0.2191, 0.3086



3.5591, 0.2198, 0.3111

Previews

White Background



This preview shows how the Yxy color 30.4813, 0.5251, 0.3391 looks on a white background.

Color Contrast Check

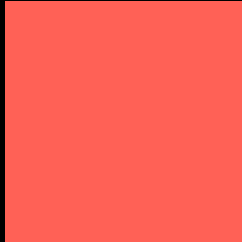
Large Text (above 18pt) WCAG AA × Fail

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 30.4813, 0.5251, 0.3391 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 30.4813, 0.5251, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 30.4813, 0.5251, 0.3391.



This preview shows how white text looks on a background with the Yxy color 30.4813, 0.5251, 0.3391.

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

30.4813, 0.5251, 0.3391

Protanopia

30.5347, 0.3691, 0.3967

Deuteranopia

30.5093, 0.4265, 0.4170



Tritanopia

30.5653, 0.5080, 0.3251

Trichromacy



Original Color

30.4813, 0.5251, 0.3391

Protanomaly

28.8692, 0.4268, 0.3719

Deuteranomaly

29.2174, 0.4656, 0.3830

Tritanomaly

30.4703, 0.5142, 0.3296

Monochromacy



Original Color

30.4813, 0.5251, 0.3391

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5172, 0.3883, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4813, 0.5251, 0.3391 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, 97, 86)` looks like.

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

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, 97, 86) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 30.4813, 0.5251, 0.3391 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, 97, 86) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 30.4813, 0.5251, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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