

Converting Colors

Yxy(33.7114, 0.5013, 0.3435)

Have a look what the booklet for
Yxy(33.7114, 0.5013, 0.3435)
contains.

Yxy(33.7114, 0.5013, 0.3435)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.7114, 0.5013, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	FF7061
RGB	255, 112, 97
RGB Percent	100%, 44%, 38%
CMY	0.0000, 0.5608, 0.6195
CMYK	0.00, 0.56, 0.62, 0.00
HSL	6°, 100%, 69%
HSV	6°, 62%, 100%
XYZ	49.1980, 33.7114, 15.2315
YIQ	153.0470, 90.0430, 25.6510

Conversions

Conversions Part 2

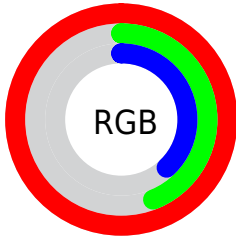
Format	Color
R_{YB}	255, 114, 97
Decimal	16740449
CIE _{Lab}	64.73, 53.47, 35.37
CIE _{LCh}	65, 64.112, 33.485
Yxy	33.7114, 0.5013, 0.3435
Android (android.graphics.Color)	4294930529 (0xFFFF7061)
YUV	153.0470, -27.6312, 89.4128
Hunter-Lab	58.0615, 49.6431, 25.0893

Details

The Yxy color **33.7114, 0.5013, 0.3435** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.1097, 0.2335, 0.3109**, and the grayscale version is **31.9684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0356, 0.4134, 0.3493**, and **14.3630, 0.5571, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **28.8507, 0.5471, 0.3434**, and if you desaturate by 10%, it is **40.0276, 0.4570, 0.3422**.

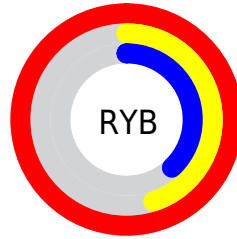
Distribution



Red (100%)

Green (44%)

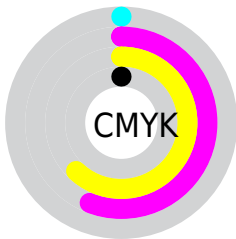
Blue (38%)



Red (100%)

Yellow (45%)

Blue (38%)

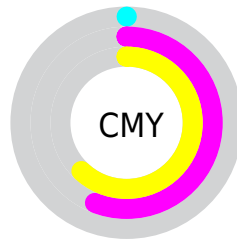


Cyan (0%)

Magenta (56%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7114, 0.5013, 0.3435 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 33.7114, 0.5013, 0.3435 by changing the saturation by 10% instead.


 33.7114, 0.5013,
0.3435


 33.7114, 0.5013,
0.3435


318.8433, 0.4025,
0.3431

 22.6720, 0.5262,
0.3409


 65.4846, 0.4649,
0.3452


 14.3515, 0.5578,
0.3360


 86.9872, 0.4513,
0.3453

 8.3655, 0.5983,
0.3266


 112.7463, 0.4399,
0.3451

 4.3297, 0.6538,
0.3098

 143.1463, 0.4302,
0.3448

 1.8597, 0.7244,
0.2756

178.5716, 0.4218,
0.3444

 0.5240, 0.8088,
0.1912

219.4066, 0.4145,


 0.0000, 1.0000,


0.3440

0.0000

266.0357, 0.4081,
0.3435


 0.0000, 0.0000,
0.0000


 33.7114, 0.5013,
0.3435


 33.7114, 0.5013,
0.3435


 28.8507, 0.5471,
0.3434


 40.0276, 0.4570,
0.3422


 25.3328, 0.5887,
0.3415


 47.9082, 0.4175,
0.3399

 23.0208, 0.6196,
0.3378

 57.4465, 0.3841,
0.3373

 21.9192, 0.6344,
0.3345

 68.7296, 0.3565,
0.3346

 81.8387, 0.3340,
0.3319

96.8498, 0.3158,
0.3295

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.



33.7114, 0.4409, 0.2796



33.7114, 0.5013, 0.3435



33.7114, 0.4966, 0.4122

Triad

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



33.7114, 0.5013, 0.3435



33.7114, 0.2637, 0.4763



33.7114, 0.1830, 0.1862

Complementary

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



33.7114, 0.5013, 0.3435



72.1097, 0.2335, 0.3109

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.



33.7114, 0.1530, 0.2083



33.7114, 0.5013, 0.3435



33.7114, 0.1914, 0.3704

Square

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



33.7114, 0.5013, 0.3435



33.7114, 0.3546, 0.5146



33.7114, 0.1547, 0.2685



33.7114, 0.2464, 0.1939

Rectangle

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



33.7114, 0.5013, 0.3435



33.7114, 0.4628, 0.4577



33.7114, 0.1547, 0.2685



33.7114, 0.1695, 0.1900

Sweetspot

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



33.7099, 0.5013, 0.3435



72.3997, 0.3494, 0.3338



36.2168, 0.3319, 0.1954



14.7336, 0.3563, 0.3346



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.



33.7099, 0.5013, 0.3435



28.0232, 0.5562, 0.3432



58.5969, 0.4415, 0.4197



18.2635, 0.3292, 0.3313



11.5449, 0.6329, 0.3357



1.2126, 0.6188, 0.3468

Inverse Universe

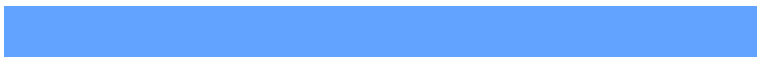
The Inverse Universe completely reimagines the original color for something new.



72.1097, 0.2335, 0.3109



69.0351, 0.2251, 0.3069



35.9058, 0.2101, 0.2092



20.1700, 0.2980, 0.3267



33.7147, 0.2164, 0.2990



3.3647, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 33.7114, 0.5013, 0.3435 looks on a white background.

Color Contrast Check

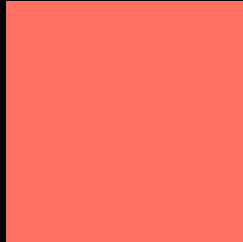
Large Text (above 18pt) WCAG AA × Fail

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 33.7114, 0.5013, 0.3435 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 33.7114, 0.5013, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 33.7114, 0.5013, 0.3435.



This preview shows how white text looks on a background with the Yxy color 33.7114, 0.5013, 0.3435.

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

33.7114, 0.5013, 0.3435

Protanopia

33.7868, 0.3648, 0.3911

Deuteranopia

33.7573, 0.4175, 0.4086



Tritanopia

33.6962, 0.4791, 0.3227

Trichromacy



Original Color

33.7114, 0.5013, 0.3435

Protanomaly

32.4118, 0.4144, 0.3725

Deuteranomaly

32.8457, 0.4496, 0.3806

Tritanomaly

33.7547, 0.4870, 0.3305

Monochromacy



Original Color

33.7114, 0.5013, 0.3435

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8176, 0.3769, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7114, 0.5013, 0.3435 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, 112, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 97)  
}
```

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, 112, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 97) }
```

Border

The CSS property to change the border of an element to Yxy 33.7114, 0.5013, 0.3435 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, 112, 97) }
```

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

```
.border{ border-color:rgb(255, 112, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7114, 0.5013, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 97) }
```

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

```
.background{ background-color: rgb(255,  
112, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor