

Converting Colors

Yxy(33.6886, 0.5015, 0.3443)

Have a look what the booklet for
Yxy(33.6886, 0.5015, 0.3443)
contains.

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Color

Yxy(33.6929, 0.5024, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	FF7060
RGB	255, 112, 96
RGB Percent	100%, 44%, 38%
CMY	0.0000, 0.5608, 0.6234
CMYK	0.00, 0.56, 0.62, 0.00
HSL	6°, 100%, 69%
HSV	6°, 62%, 100%
XYZ	49.1502, 33.6929, 14.9877
YIQ	152.9330, 90.3640, 25.3400

Conversions

Conversions Part 2

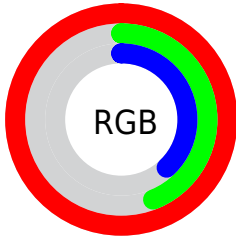
Format	Color
R_{YB}	255, 114, 96
Decimal	16740448
CIE Lab	64.72, 53.40, 35.90
CIE LCh	65, 64.352, 33.913
Yxy	33.6929, 0.5024, 0.3444
Android (android.graphics.Color)	4294930528 (0xFFFF7060)
YUV	152.9330, -28.0680, 89.5128
Hunter-Lab	58.0456, 49.5653, 25.3229

Details

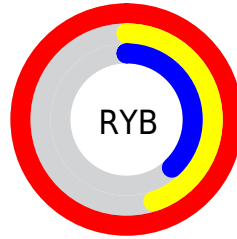
The Yxy color **33.6929, 0.5024, 0.3444** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.4655, 0.2329, 0.3097**, and the grayscale version is **31.9194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0040, 0.4143, 0.3503**, and **14.3545, 0.5585, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **28.8630, 0.5480, 0.3443**, and if you desaturate by 10%, it is **39.9636, 0.4582, 0.3430**.

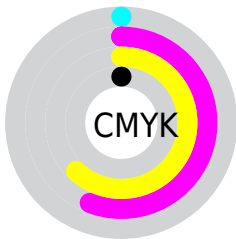
Distribution



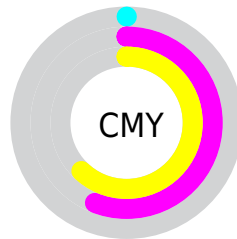
- Red (100%)
- Green (44%)
- Blue (38%)



- 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 33.6929, 0.5024, 0.3444 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 33.6929, 0.5024, 0.3444 by changing the saturation by 10% instead.


 33.6929, 0.5024,
0.3444


 33.6929, 0.5024,
0.3444


318.7605, 0.4030,
0.3437


 22.6578, 0.5274,
0.3419


 65.4558, 0.4659,
0.3461

 14.3410, 0.5590,
0.3369


 86.9524, 0.4522,
0.3461

 8.3582, 0.5996,
0.3274


 112.7049, 0.4407,
0.3459

 4.3250, 0.6555,
0.3108

 143.0978, 0.4309,
0.3455

 1.8570, 0.7243,
0.2757

178.5154, 0.4225,
0.3451

 0.5223, 0.8088,
0.1912

219.3421, 0.4152,


 0.0000, 1.0000,


0.3446


0.0000


265.9624, 0.4087,
0.3441


 0.0000, 0.0000,
0.0000

 33.6929, 0.5024,
0.3444


 33.6929, 0.5024,
0.3444


 28.8630, 0.5480,
0.3443


 39.9636, 0.4582,
0.3430


 25.3597, 0.5893,
0.3422


 47.7789, 0.4187,
0.3407

 23.0494, 0.6197,
0.3382

 57.2318, 0.3851,
0.3379

 21.9812, 0.6338,
0.3349

 68.4083, 0.3574,
0.3350

 81.3881, 0.3348,
0.3322

96.2463, 0.3165,
0.3296

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.



33.6929, 0.4427, 0.2802



33.6929, 0.5024, 0.3444



33.6929, 0.4967, 0.4133

Triad

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



33.6929, 0.5024, 0.3444



33.6929, 0.2622, 0.4758



33.6929, 0.1833, 0.1857

Complementary

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



33.6929, 0.5024, 0.3444



71.4655, 0.2329, 0.3097

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.



33.6929, 0.1528, 0.2073



33.6929, 0.5024, 0.3444



33.6929, 0.1902, 0.3689

Square

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



33.6929, 0.5024, 0.3444



33.6929, 0.3533, 0.5154



33.6929, 0.1540, 0.2671



33.6929, 0.2473, 0.1938

Rectangle

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



33.6929, 0.5024, 0.3444



33.6929, 0.4623, 0.4589



33.6929, 0.1540, 0.2671



33.6929, 0.1695, 0.1893

Sweetspot

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



33.6925, 0.5024, 0.3444



72.5376, 0.3493, 0.3341



35.8704, 0.3347, 0.1967



14.7662, 0.3562, 0.3349



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.



33.6925, 0.5024, 0.3444



27.8063, 0.5597, 0.3439



59.5478, 0.4405, 0.4226



18.2803, 0.3292, 0.3315



11.5814, 0.6323, 0.3361



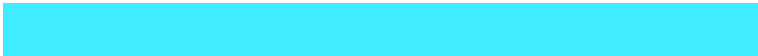
1.2206, 0.6176, 0.3478

Inverse Universe

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



71.4655, 0.2329, 0.3097



68.1770, 0.2242, 0.3052



34.7194, 0.2087, 0.2048



20.1513, 0.2980, 0.3265



33.2964, 0.2159, 0.2971



3.3283, 0.2170, 0.3010

Previews

White Background



This preview shows how the Yxy color 33.6929, 0.5024, 0.3444 looks on a white background.

Color Contrast Check

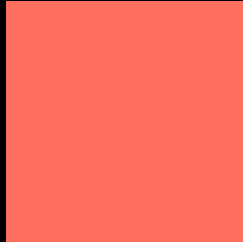
Large Text (above 18pt) WCAG AA × Fail

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 33.6929, 0.5024, 0.3444 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 33.6929, 0.5024, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 33.6929, 0.5024, 0.3444.



This preview shows how white text looks on a background with the Yxy color 33.6929, 0.5024, 0.3444.

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

33.6929, 0.5024, 0.3444

Protanopia

33.7639, 0.3658, 0.3926

Deuteranopia

33.7404, 0.4184, 0.4098



Tritanopia

33.6962, 0.4791, 0.3227

Trichromacy



Original Color

33.6929, 0.5024, 0.3444

Protanomaly

32.3906, 0.4154, 0.3738

Deuteranomaly

32.8281, 0.4507, 0.3817

Tritanomaly

33.7330, 0.4882, 0.3314

Monochromacy



Original Color

33.6929, 0.5024, 0.3444

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.7901, 0.3780, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6929, 0.5024, 0.3444 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 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, 112, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 96) }
```

Border

The CSS property to change the border of an element to Yxy 33.6929, 0.5024, 0.3444 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, 96) }
```

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

```
.border{ border-color:rgb(255, 112, 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, 112, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6929, 0.5024, 0.3444 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, 96) }
```

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

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