

Converting Colors

$Yxy(33.3304, 0.5025, 0.3487)$

Have a look what the booklet for
Yxy(33.3304, 0.5025, 0.3487)
contains.

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Color

Yxy(33.2960, 0.5025, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FC715D
RGB	252, 113, 93
RGB Percent	99%, 44%, 36%
CMY	0.0118, 0.5568, 0.6353
CMYK	0.00, 0.55, 0.63, 0.01
HSL	8°, 96%, 68%
HSV	8°, 63%, 99%
XYZ	48.0231, 33.2960, 14.2492
YIQ	152.2810, 89.2640, 23.2480

Conversions

Conversions Part 2

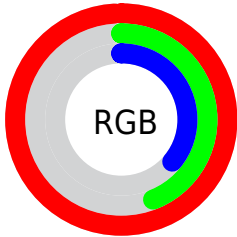
Format	Color
R _Y B	252, 116, 93
Decimal	16544093
CIE Lab	64.40, 51.68, 37.08
CIE LCh	64, 63.610, 35.656
Yxy	33.2960, 0.5025, 0.3484
Android (android.graphics.Color)	4294734173 (0xFFFC715D)
YUV	152.2810, -29.2255, 87.4536
Hunter-Lab	57.7027, 47.5770, 25.7507

Details

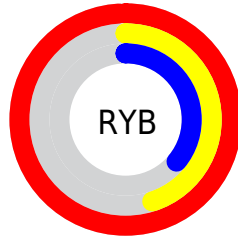
The Yxy color **33.2960, 0.5025, 0.3484** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **67.0478, 0.2312, 0.3043**, and the grayscale version is **31.6290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2789, 0.4167, 0.3545**, and **14.0422, 0.5592, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **28.5892, 0.5472, 0.3482**, and if you desaturate by 10%, it is **39.3459, 0.4590, 0.3467**.

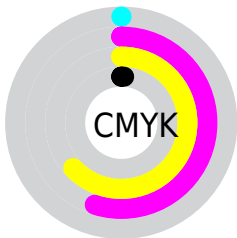
Distribution



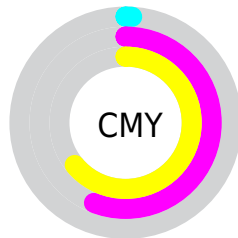
- Red (99%)
- Green (44%)
- Blue (36%)



- Red (99%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (1%)




- Cyan (1%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2960, 0.5025, 0.3484 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 33.2960, 0.5025, 0.3484 by changing the saturation by 10% instead.


 33.2960, 0.5025,
0.3484


 33.2960, 0.5025,
0.3484


316.9814, 0.4030,
0.3458


 22.3533, 0.5275,
0.3462


 64.8374, 0.4659,
0.3495


 14.1167, 0.5590,
0.3416


 86.2049, 0.4523,
0.3492

 8.2019, 0.5994,
0.3324

 111.8160, 0.4408,
0.3488

 4.2244, 0.6569,
0.3169

 142.0553, 0.4310,
0.3482

 1.7999, 0.7204,
0.2796

177.3071, 0.4225,
0.3476

 0.4871, 0.8095,
0.1905

217.9558, 0.4152,

 0.0000, 1.0000,

0.3470

0.0000

264.3858, 0.4087,
0.3464


 0.0000, 0.0000,
0.0000

 33.2960, 0.5025,
0.3484


 33.2960, 0.5025,
0.3484


 28.5892, 0.5472,
0.3482

 39.3459, 0.4590,
0.3467


 25.1172, 0.5876,
0.3457


 46.8254, 0.4200,
0.3438

 22.7637, 0.6178,
0.3408

 55.8201, 0.3866,
0.3404

 21.7127, 0.6311,
0.3371

 66.4074, 0.3589,
0.3368

 78.6593, 0.3362,
0.3333

 92.6434, 0.3177,
0.3300

 99.4337, 0.3109,
0.3290

Harmonies

Analogous

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



33.2960, 0.4467, 0.2841



33.2960, 0.5025, 0.3484



33.2960, 0.4934, 0.4171

Triad

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



33.2960, 0.5025, 0.3484



33.2960, 0.2578, 0.4696



33.2960, 0.1868, 0.1863

Complementary

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



33.2960, 0.5025, 0.3484



67.0478, 0.2312, 0.3043

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.



33.2960, 0.1546, 0.2059



33.2960, 0.5025, 0.3484



33.2960, 0.1879, 0.3620

Square

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



33.2960, 0.5025, 0.3484



33.2960, 0.3479, 0.5140



33.2960, 0.1540, 0.2630



33.2960, 0.2525, 0.1958

Rectangle

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



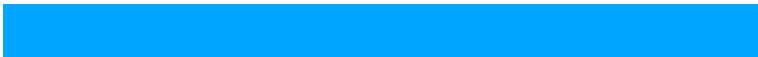
33.2960, 0.5025, 0.3484



33.2960, 0.4577, 0.4620



33.2960, 0.1540, 0.2630



33.2960, 0.1725, 0.1893

Sweetspot

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



33.2978, 0.5025, 0.3484



73.1567, 0.3491, 0.3353



34.4292, 0.3377, 0.1976



14.9126, 0.3559, 0.3364



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.



33.2978, 0.5025, 0.3484



28.1924, 0.5598, 0.3478



58.7632, 0.4402, 0.4258



17.5773, 0.3291, 0.3321



11.4242, 0.6293, 0.3386



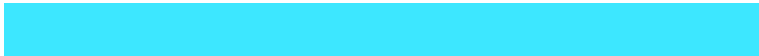
1.1658, 0.6114, 0.3528

Inverse Universe

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



67.0478, 0.2312, 0.3043



65.1417, 0.2220, 0.2985



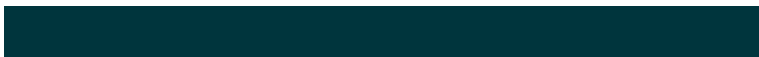
32.4460, 0.2067, 0.1995



19.2135, 0.2980, 0.3259



30.5474, 0.2135, 0.2887



2.9304, 0.2150, 0.2939

Previews

White Background



This preview shows how the Yxy color 33.2960, 0.5025, 0.3484 looks on a white background.

Color Contrast Check

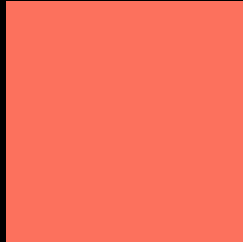
Large Text (above 18pt) WCAG AA × Fail

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 33.2960, 0.5025, 0.3484 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 33.2960, 0.5025, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 33.2960, 0.5025, 0.3484.



This preview shows how white text looks on a background with the Yxy color 33.2960, 0.5025, 0.3484.

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

33.2960, 0.5025, 0.3484

Protanopia

33.3377, 0.3700, 0.3971

Deuteranopia

33.2431, 0.4208, 0.4125



Tritanopia

33.3189, 0.4773, 0.3226

Trichromacy



Original Color

33.2960, 0.5025, 0.3484

Protanomaly

31.8978, 0.4182, 0.3765

Deuteranomaly

32.4757, 0.4517, 0.3855

Tritanomaly

33.3342, 0.4876, 0.3324

Monochromacy



Original Color

33.2960, 0.5025, 0.3484

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5070, 0.3769, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2960, 0.5025, 0.3484 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, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(252, 113, 93)  
}
```

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, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 113, 93) }
```

Border

The CSS property to change the border of an element to Yxy 33.2960, 0.5025, 0.3484 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, 113, 93) }
```

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

```
.border{ border-color:rgb(252, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(252, 113,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2960, 0.5025, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 113, 93) }
```

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

```
.background{ background-color: rgb(252,  
113, 93) }
```

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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