

Converting Colors

Yxy(33.8710, 0.5029, 0.3463)

Have a look what the booklet for
Yxy(33.8710, 0.5029, 0.3463)
contains.

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Color

Yxy(33.8965, 0.5028, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	FF715F
RGB	255, 113, 95
RGB Percent	100%, 44%, 37%
CMY	0.0000, 0.5569, 0.6275
CMYK	0.00, 0.56, 0.63, 0.00
HSL	7°, 100%, 69%
HSV	7°, 63%, 100%
XYZ	49.2150, 33.8965, 14.7704
YIQ	153.4060, 90.4100, 24.5060

Conversions

Conversions Part 2

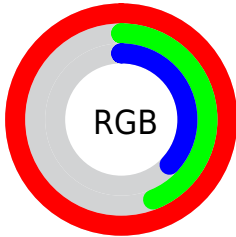
Format	Color
R_{YB}	255, 115, 95
Decimal	16740703
CIE _{Lab}	64.88, 52.88, 36.68
CIE _{LCh}	65, 64.360, 34.750
Yxy	33.8965, 0.5028, 0.3463
Android (android.graphics.Color)	4294930783 (0xFFFF715F)
YUV	153.4060, -28.7942, 89.0979
Hunter-Lab	58.2207, 49.0031, 25.7128

Details

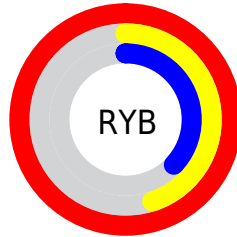
The Yxy color **33.8965, 0.5028, 0.3463** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **70.2121, 0.2320, 0.3071**, and the grayscale version is **32.1368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3406, 0.4148, 0.3524**, and **14.4460, 0.5588, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **29.0698, 0.5479, 0.3461**, and if you desaturate by 10%, it is **40.1304, 0.4589, 0.3448**.

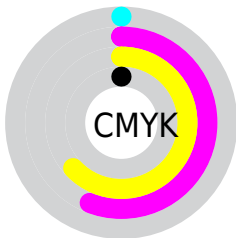
Distribution



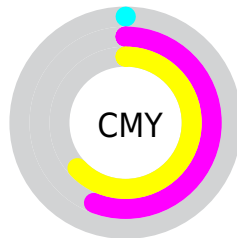
- Red (100%)
- Green (44%)
- Blue (37%)



- Red (100%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (56%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8965, 0.5028, 0.3463 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 33.8965, 0.5028, 0.3463 by changing the saturation by 10% instead.

 33.8965, 0.5028,
0.3463


 33.8965, 0.5028,
0.3463


319.6703, 0.4034,
0.3447


 22.8141, 0.5277,
0.3439


 65.7727, 0.4663,
0.3477


 14.4563, 0.5592,
0.3392


 87.3353, 0.4526,
0.3476

 8.4387, 0.5994,
0.3299

 113.1600, 0.4412,
0.3473

 4.3769, 0.6552,
0.3137

 143.6313, 0.4313,
0.3469

 1.8866, 0.7217,
0.2783

179.1336, 0.4229,
0.3463

 0.5403, 0.8041,
0.1959


220.0513, 0.4156,


 0.0000, 1.0000,

0.3458


0.0000


266.7687, 0.4091,
0.3453


 0.0000, 0.0000,
0.0000


 33.8965, 0.5028,
0.3463


 33.8965, 0.5028,
0.3463


 29.0698, 0.5479,
0.3461


 40.1304, 0.4589,
0.3448


 25.5441, 0.5888,
0.3438


 47.8750, 0.4195,
0.3422


 23.1902, 0.6190,
0.3394

 57.2188, 0.3860,
0.3391

 22.1244, 0.6326,
0.3359

 68.2445, 0.3583,
0.3359

 81.0295, 0.3356,
0.3327

 95.6459, 0.3172,
0.3298

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.



33.8965, 0.4448, 0.2820



33.8965, 0.5028, 0.3463



33.8965, 0.4954, 0.4152

Triad

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



33.8965, 0.5028, 0.3463



33.8965, 0.2600, 0.4732



33.8965, 0.1848, 0.1858

Complementary

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



33.8965, 0.5028, 0.3463



70.2121, 0.2320, 0.3071

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.



33.8965, 0.1534, 0.2064



33.8965, 0.5028, 0.3463



33.8965, 0.1888, 0.3656

Square

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



33.8965, 0.5028, 0.3463



33.8965, 0.3507, 0.5151



33.8965, 0.1537, 0.2650



33.8965, 0.2497, 0.1946

Rectangle

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



33.8965, 0.5028, 0.3463



33.8965, 0.4603, 0.4606



33.8965, 0.1537, 0.2650



33.8965, 0.1708, 0.1891

Sweetspot

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



33.8950, 0.5028, 0.3463



72.8321, 0.3492, 0.3347



35.6728, 0.3348, 0.1961



14.8358, 0.3560, 0.3356



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.



33.8950, 0.5028, 0.3463



28.1685, 0.5577, 0.3458



59.3441, 0.4415, 0.4230



18.3161, 0.3292, 0.3317



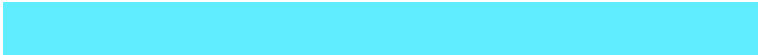
11.6648, 0.6310, 0.3372



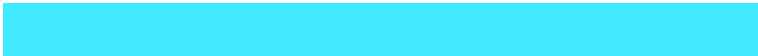
1.2374, 0.6151, 0.3498

Inverse Universe

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



70.2121, 0.2320, 0.3071



66.8460, 0.2234, 0.3022



34.4442, 0.2081, 0.2038



20.1115, 0.2980, 0.3262



32.4172, 0.2148, 0.2931



3.2516, 0.2160, 0.2975

Previews

White Background



This preview shows how the Yxy color 33.8965, 0.5028, 0.3463 looks on a white background.

Color Contrast Check

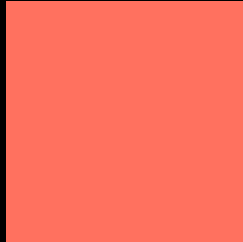
Large Text (above 18pt) WCAG AA × Fail

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 33.8965, 0.5028, 0.3463 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 33.8965, 0.5028, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 33.8965, 0.5028, 0.3463.



This preview shows how white text looks on a background with the Yxy color 33.8965, 0.5028, 0.3463.

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

33.8965, 0.5028, 0.3463

Protanopia

34.1696, 0.3683, 0.3966

Deuteranopia

33.8547, 0.4204, 0.4106



Tritanopia

33.9369, 0.4772, 0.3227

Trichromacy



Original Color

33.8965, 0.5028, 0.3463

Protanomaly

32.8041, 0.4169, 0.3761

Deuteranomaly

33.2456, 0.4519, 0.3837

Tritanomaly

33.9741, 0.4863, 0.3314

Monochromacy



Original Color

33.8965, 0.5028, 0.3463

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 33.8965, 0.5028, 0.3463 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, 113, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 95)  
}
```

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, 113, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 95) }
```

Border

The CSS property to change the border of an element to Yxy 33.8965, 0.5028, 0.3463 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, 113, 95) }
```

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

```
.border{ border-color:rgb(255, 113, 95) }
```

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

Here you see how a box with a 4 pixel rgb(255, 113, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8965, 0.5028, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 95) }
```

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

```
.background{ background-color: rgb(255,  
113, 95) }
```

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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