

Converting Colors

$Y_{xy}(34.1383, 0.5024, 0.3550)$

Have a look what the booklet for
Yxy(34.1383, 0.5024, 0.3550)
contains.

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Color

Yxy(34.1562, 0.5025, 0.3550)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC755A |
| RGB | 252, 117, 90 |
| RGB Percent | 99%, 46%, 35% |
| CMY | 0.0118, 0.5411, 0.6472 |
| CMYK | 0.00, 0.54, 0.64, 0.01 |
| HSL | 10°, 96%, 67% |
| HSV | 10°, 64%, 99% |
| XYZ | 48.3479, 34.1562, 13.7106 |
| YIQ | 154.2870, 89.1270, 20.2230 |

Conversions

Conversions Part 2

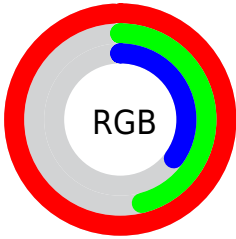
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 252, 122, 90 |
| Decimal | 16545114 |
| CIELab | 65.09, 49.62, 39.56 |
| CIELCh | 65, 63.460, 38.563 |
| Yxy | 34.1562, 0.5025, 0.3550 |
| Android (android.graphics.Color) | 4294735194 (0xFFFC755A) |
| YUV | 154.2870, -31.6935, 85.6943 |
| Hunter-Lab | 58.4433, 45.3903, 27.0011 |

Details

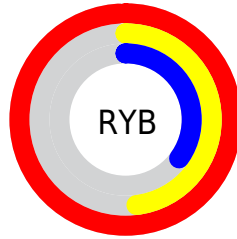
The Yxy color **34.1562, 0.5025, 0.3550** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **63.0183, 0.2282, 0.2953**, and the grayscale version is **32.5616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6881, 0.4174, 0.3617**, and **14.5482, 0.5574, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **29.4431, 0.5456, 0.3548**, and if you desaturate by 10%, it is **40.1152, 0.4603, 0.3528**.

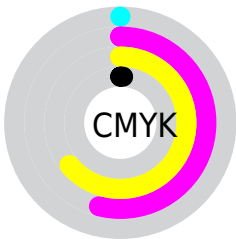
Distribution



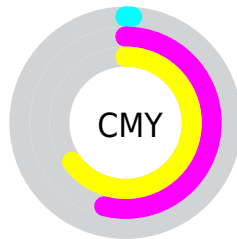
- Red (99%)
- Green (46%)
- Blue (35%)



- Red (99%)
- Yellow (48%)
- Blue (35%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (1%)





- Cyan (1%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1562, 0.5025, 0.3550 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 34.1562, 0.5025, 0.3550 by changing the saturation by 10% instead.


 34.1562, 0.5025,
0.3550


 34.1562, 0.5025,
0.3550


320.8280, 0.4037,
0.3494


 23.0136, 0.5270,
0.3534


 66.1765, 0.4664,
0.3550


 14.6036, 0.5578,
0.3496


 87.8230, 0.4528,
0.3544

 8.5416, 0.5967,
0.3412


 113.7396, 0.4414,
0.3536

 4.4434, 0.6533,
0.3276

 144.3107, 0.4316,
0.3528

 1.9246, 0.7098,
0.2902

179.9207, 0.4232,
0.3519

 0.5631, 0.7893,
0.2107

220.9540, 0.4158,


 0.0000, 1.0000,


0.3510

0.0000


267.7950, 0.4094,
0.3502


 0.0000, 0.0000,
0.0000


 34.1562, 0.5025,
0.3550


 34.1562, 0.5025,
0.3550

 29.4431, 0.5456,
0.3548


 40.1152, 0.4603,
0.3528


 25.8806, 0.5846,
0.3516


 47.3950, 0.4220,
0.3491


 23.3685, 0.6140,
0.3454

 56.0712, 0.3890,
0.3446

 22.3542, 0.6257,
0.3414

 66.2120, 0.3613,
0.3398

 77.8810, 0.3385,
0.3352

 91.1381, 0.3197,
0.3308

 99.4334, 0.3109,
0.3290

Harmonies

Analogous

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



34.1562, 0.4531, 0.2905



34.1562, 0.5025, 0.3550



34.1562, 0.4879, 0.4233

Triad

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



34.1562, 0.5025, 0.3550



34.1562, 0.2505, 0.4593



34.1562, 0.1928, 0.1872

Complementary

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



34.1562, 0.5025, 0.3550



63.0183, 0.2282, 0.2953

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.



34.1562, 0.1576, 0.2038



34.1562, 0.5025, 0.3550



34.1562, 0.1842, 0.3509

Square

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



34.1562, 0.5025, 0.3550



34.1562, 0.3390, 0.5115



34.1562, 0.1540, 0.2564



34.1562, 0.2612, 0.1992

Rectangle

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



34.1562, 0.5025, 0.3550



34.1562, 0.4500, 0.4671



34.1562, 0.1540, 0.2564



34.1562, 0.1775, 0.1893

Sweetspot

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



34.1581, 0.5025, 0.3550



74.1600, 0.3487, 0.3373



33.4363, 0.3468, 0.2021



15.1502, 0.3554, 0.3387



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.



34.1581, 0.5025, 0.3550



29.1280, 0.5570, 0.3542



61.8115, 0.4369, 0.4344



17.6933, 0.3290, 0.3330



11.7869, 0.6235, 0.3432



1.2203, 0.6031, 0.3594

Inverse Universe

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



63.0183, 0.2282, 0.2953



60.4988, 0.2187, 0.2876



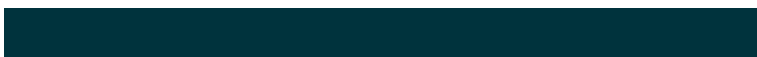
29.1392, 0.2023, 0.1857



19.0863, 0.2980, 0.3249



27.8419, 0.2097, 0.2748



2.7052, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 34.1562, 0.5025, 0.3550 looks on a white background.

Color Contrast Check

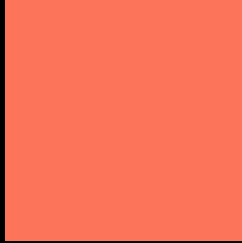
Large Text (above 18pt) WCAG AA × Fail

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 34.1562, 0.5025, 0.3550 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 34.1562, 0.5025, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 34.1562, 0.5025, 0.3550.



This preview shows how white text looks on a background with the Yxy color 34.1562, 0.5025, 0.3550.

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

34.1562, 0.5025, 0.3550

Protanopia

34.2443, 0.3770, 0.4061

Deuteranopia

34.2271, 0.4250, 0.4171



Tritanopia

34.2616, 0.4714, 0.3216

Trichromacy



Original Color

34.1562, 0.5025, 0.3550

Protanomaly

32.9825, 0.4225, 0.3848

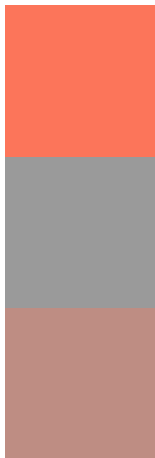
Deuteranomaly

33.5842, 0.4540, 0.3916

Tritanomaly

34.0431, 0.4832, 0.3334

Monochromacy



Original Color

34.1562, 0.5025, 0.3550

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6356, 0.3779, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1562, 0.5025, 0.3550 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, 117, 90)` looks like.

```
.text, #text, p{  
    color:rgb(252, 117, 90)  
}
```

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, 117, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 117, 90) }
```

Border

The CSS property to change the border of an element to Yxy 34.1562, 0.5025, 0.3550 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, 117, 90) }
```

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

```
.border{ border-color:rgb(252, 117, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 117, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 117, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 117, 90);  
box-shadow:4px 4px 4px 4px rgb(252, 117,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1562, 0.5025, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 117, 90) }
```

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

```
.background{ background-color: rgb(252,  
117, 90) }
```

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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