

Converting Colors

$Y_{xy}(50.3097, 0.5405, 0.3459)$

Have a look what the booklet for
Yxy(50.3097, 0.5405, 0.3459)
contains.

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Color

Yxy(35.5375, 0.4963, 0.3522)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7860 |
| RGB | 255, 120, 96 |
| RGB Percent | 100%, 47%, 38% |
| CMY | 0.0000, 0.5295, 0.6235 |
| CMYK | 0.00, 0.53, 0.62, 0.00 |
| HSL | 9°, 100%, 69% |
| HSV | 9°, 62%, 100% |
| XYZ | 50.0774, 35.5375, 15.2866 |
| YIQ | 157.6290, 88.1640, 21.1560 |

Conversions

Conversions Part 2

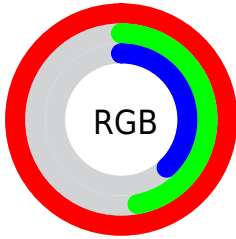
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 124, 96 |
| Decimal | 16742496 |
| CIE Lab | 66.17, 49.68, 37.72 |
| CIE LCh | 66, 62.372, 37.208 |
| Yxy | 35.5375, 0.4963, 0.3522 |
| Android (android.graphics.Color) | 4294932576 (0xFFFF7860) |
| YUV | 157.6290, -30.3831, 85.3944 |
| Hunter-Lab | 59.6133, 45.6232, 26.5257 |

Details

The Yxy color **35.5375, 0.4963, 0.3522** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **66.8706, 0.2306, 0.2997**, and the grayscale version is **34.1194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0265, 0.4105, 0.3587**, and **15.3246, 0.5490, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **30.5052, 0.5402, 0.3524**, and if you desaturate by 10%, it is **41.8904, 0.4540, 0.3500**.

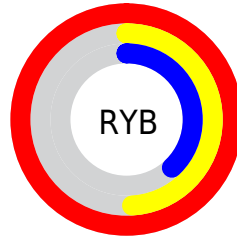
Distribution



Red (100%)

Green (47%)

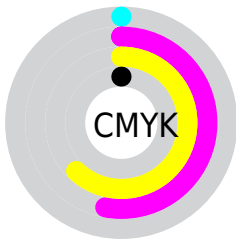
Blue (38%)



Red (100%)

Yellow (49%)

Blue (38%)

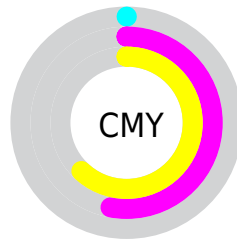


Cyan (0%)

Magenta (53%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5375, 0.4963, 0.3522 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 35.5375, 0.4963, 0.3522 by changing the saturation by 10% instead.


 35.5375, 0.4963,
0.3522


 35.5375, 0.4963,
0.3522


326.9345, 0.4010,
0.3474


 24.0772, 0.5200,
0.3508


 68.3176, 0.4615,
0.3523

 15.3909, 0.5498,
0.3473


 90.4062, 0.4484,
0.3518

 9.0942, 0.5878,
0.3398


 116.8064, 0.4374,
0.3511

 4.8027, 0.6392,
0.3257

 147.9025, 0.4279,
0.3504

 2.1320, 0.7043,
0.2957

184.0790, 0.4198,
0.3496

 0.6825, 0.7733,
0.2267

225.7202, 0.4127,

 0.0000, 1.0000,

0.3488

0.0000

273.2106, 0.4065,
0.3481

■ 0.0000, 0.0000,
0.0000

■ 35.5375, 0.4963,
0.3522

■ 35.5375, 0.4963,
0.3522

■ 30.5052, 0.5402,
0.3524

■ 41.8904, 0.4540,
0.3500

■ 26.7115, 0.5808,
0.3498

■ 49.6639, 0.4161,
0.3464

■ 24.0428, 0.6122,
0.3445

■ 58.9323, 0.3837,
0.3423

■ 22.6756, 0.6281,
0.3395

■ 69.7684, 0.3568,
0.3380

■ 82.2405, 0.3346,
0.3338

96.4128, 0.3165,
0.3299

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.



35.5375, 0.4454, 0.2891



35.5375, 0.4963, 0.3522



35.5375, 0.4854, 0.4190

Triad

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



35.5375, 0.4963, 0.3522



35.5375, 0.2563, 0.4587



35.5375, 0.1935, 0.1907

Complementary

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



35.5375, 0.4963, 0.3522



66.8706, 0.2306, 0.2997

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.



35.5375, 0.1604, 0.2086



35.5375, 0.4963, 0.3522



35.5375, 0.1899, 0.3554

Square

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



35.5375, 0.4963, 0.3522



35.5375, 0.3431, 0.5060



35.5375, 0.1583, 0.2622



35.5375, 0.2591, 0.2012

Rectangle

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



35.5375, 0.4963, 0.3522



35.5375, 0.4501, 0.4616



35.5375, 0.1583, 0.2622



35.5375, 0.1790, 0.1932

Sweetspot

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



35.5329, 0.4963, 0.3522



73.7637, 0.3488, 0.3366



35.4041, 0.3428, 0.2027



15.0563, 0.3556, 0.3378



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.



35.5329, 0.4963, 0.3522



29.3847, 0.5515, 0.3520



63.1130, 0.4348, 0.4298



18.4290, 0.3291, 0.3327



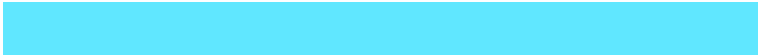
11.9799, 0.6260, 0.3411



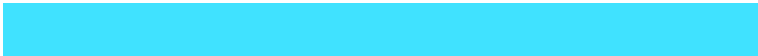
1.2903, 0.6074, 0.3559

Inverse Universe

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



66.8706, 0.2306, 0.2997



62.7798, 0.2210, 0.2928



32.0503, 0.2062, 0.1941



19.9871, 0.2980, 0.3253



29.7569, 0.2112, 0.2803



3.0183, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 35.5375, 0.4963, 0.3522 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 35.5375, 0.4963, 0.3522 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 35.5375, 0.4963, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 35.5375, 0.4963, 0.3522.



This preview shows how white text looks on a background with the Yxy color 35.5375, 0.4963, 0.3522.

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

35.5375, 0.4963, 0.3522

Protanopia

35.6583, 0.3712, 0.3995

Deuteranopia

35.7197, 0.4197, 0.4115



Tritanopia

35.4632, 0.4651, 0.3215

Trichromacy



Original Color

35.5375, 0.4963, 0.3522

Protanomaly

34.2949, 0.4164, 0.3807

Deuteranomaly

35.0241, 0.4487, 0.3879

Tritanomaly

35.4318, 0.4776, 0.3334

Monochromacy



Original Color

35.5375, 0.4963, 0.3522

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0332, 0.3756, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5375, 0.4963, 0.3522 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, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 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, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 96) }
```

Border

The CSS property to change the border of an element to Yxy 35.5375, 0.4963, 0.3522 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, 120, 96) }
```

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

```
.border{ border-color:rgb(255, 120, 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, 120, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5375, 0.4963, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 96) }
```

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

```
.background{ background-color: rgb(255,  
120, 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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