

Converting Colors

Yxy(55.6764, 0.5341, 0.3338)

Have a look what the booklet for
Yxy(55.6764, 0.5341, 0.3338)
contains.

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Color

Yxy(36.1496, 0.4756, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	FF7972
RGB	255, 121, 114
RGB Percent	100%, 47%, 45%
CMY	0.0001, 0.5254, 0.5529
CMYK	0.00, 0.53, 0.55, 0.00
HSL	3°, 100%, 72%
HSV	3°, 55%, 100%
XYZ	51.1081, 36.1496, 20.2025
YIQ	160.2680, 82.1110, 26.2310

Conversions

Conversions Part 2

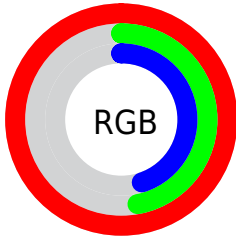
Format	Color
R _Y B	255, 121, 114
Decimal	16742770
CIE Lab	66.63, 50.41, 28.40
CIE LCh	67, 57.856, 29.399
Yxy	36.1496, 0.4756, 0.3364
Android (android.graphics.Color)	4294932850 (0xFFFF7972)
YUV	160.2680, -22.8101, 83.0800
Hunter-Lab	60.1245, 46.5136, 22.1651

Details

The Yxy color **36.1496, 0.4756, 0.3364** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **77.8981, 0.2409, 0.3206**, and the grayscale version is **35.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0638, 0.3927, 0.3398**, and **15.7451, 0.5248, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **30.4809, 0.5224, 0.3369**, and if you desaturate by 10%, it is **43.4623, 0.4328, 0.3353**.

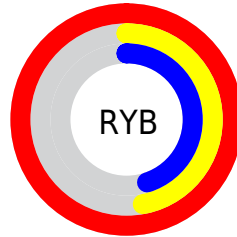
Distribution



Red (100%)

Green (47%)

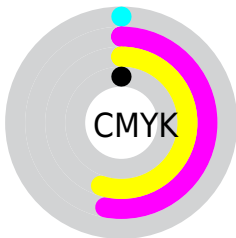
Blue (45%)



Red (100%)

Yellow (47%)

Blue (45%)

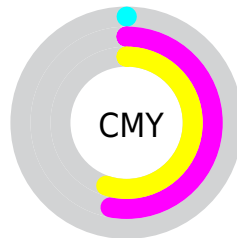


Cyan (0%)

Magenta (53%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1496, 0.4756, 0.3364 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 36.1496, 0.4756, 0.3364 by changing the saturation by 10% instead.


 36.1496, 0.4756,
0.3364


 36.1496, 0.4756,
0.3364


329.6139, 0.3905,
0.3375


 24.5498, 0.4973,
0.3344


 69.2629, 0.4441,
0.3381


 15.7419, 0.5252,
0.3307


 91.5452, 0.4325,
0.3383

 9.3417, 0.5619,
0.3238


 118.1570, 0.4226,
0.3384

 4.9647, 0.6111,
0.3107

 149.4828, 0.4143,
0.3383

 2.2266, 0.7025,
0.2949

185.9071, 0.4071,
0.3381

 0.7344, 0.7703,
0.2297

227.8140, 0.4008,

 0.0000, 1.0000,

0.3379

0.0000

275.5882, 0.3953,
0.3377

0.0000, 0.0000,
0.0000

36.1496, 0.4756,
0.3364

36.1496, 0.4756,
0.3364

30.4809, 0.5224,
0.3369

43.4623, 0.4328,
0.3353

26.3237, 0.5685,
0.3364

52.5264, 0.3961,
0.3340

23.5347, 0.6069,
0.3349

63.4474, 0.3658,
0.3325

21.9403, 0.6311,
0.3327

76.3203, 0.3413,
0.3310

21.5360, 0.6376,
0.3319

91.2340, 0.3215,
0.3297

99.9955, 0.3127,
0.3290

Harmonies

Analogous

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



36.1496, 0.4152, 0.2781



36.1496, 0.4756, 0.3364



36.1496, 0.4814, 0.3990

Triad

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



36.1496, 0.4756, 0.3364



36.1496, 0.2816, 0.4654



36.1496, 0.1902, 0.2011

Complementary

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



36.1496, 0.4756, 0.3364



77.8981, 0.2409, 0.3206

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.



36.1496, 0.1664, 0.2268



36.1496, 0.4756, 0.3364



36.1496, 0.2121, 0.3797

Square

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



36.1496, 0.4756, 0.3364



36.1496, 0.3641, 0.4915



36.1496, 0.1728, 0.2874



36.1496, 0.2443, 0.2042

Rectangle

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



36.1496, 0.4756, 0.3364



36.1496, 0.4565, 0.4397



36.1496, 0.1728, 0.2874



36.1496, 0.1789, 0.2062

Sweetspot

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



36.1515, 0.4756, 0.3364



73.9935, 0.3451, 0.3313



40.2091, 0.3231, 0.2013



15.2644, 0.3498, 0.3316



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.



36.1515, 0.4756, 0.3364



30.1441, 0.5258, 0.3369



58.9457, 0.4297, 0.4053



18.1322, 0.3293, 0.3302



11.3158, 0.6366, 0.3327



1.1506, 0.6285, 0.3391

Inverse Universe

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



77.8981, 0.2409, 0.3206



75.5144, 0.2326, 0.3188



43.3526, 0.2226, 0.2338



20.3170, 0.2980, 0.3278



37.1118, 0.2204, 0.3134



3.6593, 0.2209, 0.3152

Previews

White Background



This preview shows how the Yxy color 36.1496, 0.4756, 0.3364 looks on a white background.

Color Contrast Check

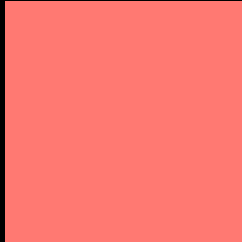
Large Text (above 18pt) WCAG AA × Fail

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 36.1496, 0.4756, 0.3364 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 36.1496, 0.4756, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 36.1496, 0.4756, 0.3364.



This preview shows how white text looks on a background with the Yxy color 36.1496, 0.4756, 0.3364.

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

36.1496, 0.4756, 0.3364

Protanopia

36.2773, 0.3500, 0.3724

Deuteranopia

36.1275, 0.4003, 0.3915



Tritanopia

36.2515, 0.4597, 0.3214

Trichromacy



Original Color

36.1496, 0.4756, 0.3364

Protanomaly

34.9047, 0.3948, 0.3580

Deuteranomaly

35.5224, 0.4288, 0.3692

Tritanomaly

36.1230, 0.4657, 0.3265

Monochromacy



Original Color

36.1496, 0.4756, 0.3364

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1430, 0.3683, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1496, 0.4756, 0.3364 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, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 114)  
}
```

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, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 114) }
```

Border

The CSS property to change the border of an element to Yxy 36.1496, 0.4756, 0.3364 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, 121, 114) }
```

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

```
.border{ border-color:rgb(255, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1496, 0.4756, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 114) }
```

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

```
.background{ background-color: rgb(255,  
121, 114) }
```

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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