

Converting Colors

$Yxy(60.6977, 0.5358, 0.3256)$

Have a look what the booklet for
Yxy(60.6977, 0.5358, 0.3256)
contains.

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Color

Yxy(35.6975, 0.4645, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	FF767D
RGB	255, 118, 125
RGB Percent	100%, 46%, 49%
CMY	0.0001, 0.5372, 0.5099
CMYK	0.00, 0.54, 0.51, 0.00
HSL	357°, 100%, 73%
HSV	357°, 54%, 100%
XYZ	51.4155, 35.6975, 23.5770
YIQ	159.7610, 79.4050, 31.2210

Conversions

Conversions Part 2

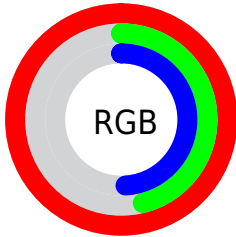
Format	Color
R _Y B	255, 118, 125
Decimal	16742013
CIE Lab	66.29, 52.71, 21.78
CIE LCh	66, 57.032, 22.448
Yxy	35.6975, 0.4645, 0.3225
Android (android.graphics.Color)	4294932093 (0xFFFF767D)
YUV	159.7610, -17.1372, 83.5246
Hunter-Lab	59.7474, 49.0498, 18.4267

Details

The Yxy color **35.6975, 0.4645, 0.3225** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.1426, 0.2468, 0.3369**, and the grayscale version is **35.0934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7465, 0.3824, 0.3250**, and **15.4143, 0.5119, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **29.9378, 0.5106, 0.3222**, and if you desaturate by 10%, it is **43.2345, 0.4232, 0.3234**.

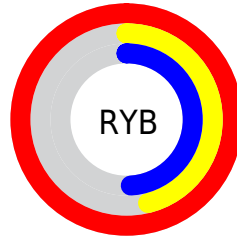
Distribution



Red (100%)

Green (46%)

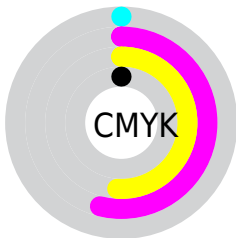
Blue (49%)



Red (100%)

Yellow (46%)

Blue (49%)

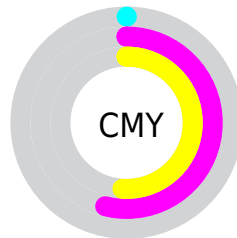


Cyan (0%)

Magenta (54%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.6975, 0.4645, 0.3225 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 35.6975, 0.4645, 0.3225 by changing the saturation by 10% instead.


 35.6975, 0.4645,
0.3225


 35.6975, 0.4645,
0.3225


327.6364, 0.3848,
0.3296


 24.2007, 0.4852,
0.3194


 68.5649, 0.4349,
0.3261

 15.4825, 0.5119,
0.3146


 90.7043, 0.4239,
0.3271

 9.1587, 0.5476,
0.3067


 117.1599, 0.4148,
0.3279

 4.8449, 0.5968,
0.2931

148.3163, 0.4070,
0.3284

 2.1565, 0.6741,
0.2706

184.5577, 0.4003,
0.3288

 0.6961, 0.7825,
0.2175

226.2686, 0.3944,

 0.0000, 1.0000,

0.3292

0.0000

273.8334, 0.3893,
0.3294


 0.0000, 0.0000,
0.0000


 35.6975, 0.4645,
0.3225


 35.6975, 0.4645,
0.3225


 29.9378, 0.5106,
0.3222


 43.2345, 0.4232,
0.3234


 25.8044, 0.5575,
0.3228


 52.6722, 0.3883,
0.3246


 23.1311, 0.5984,
0.3244

 64.1297, 0.3598,
0.3260

 21.7134, 0.6265,
0.3268

 77.7146, 0.3369,
0.3273

 21.2863, 0.6364,
0.3280

 93.5271, 0.3185,
0.3286

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



35.6975, 0.3948, 0.2665



35.6975, 0.4645, 0.3225



35.6975, 0.4834, 0.3842

Triad

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



35.6975, 0.4645, 0.3225



35.6975, 0.3007, 0.4762



35.6975, 0.1831, 0.2054

Complementary

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



35.6975, 0.4645, 0.3225



82.1426, 0.2468, 0.3369

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.



35.6975, 0.1663, 0.2384



35.6975, 0.4645, 0.3225



35.6975, 0.2268, 0.4016

Square

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



35.6975, 0.4645, 0.3225



35.6975, 0.3822, 0.4863



35.6975, 0.1801, 0.3070



35.6975, 0.2298, 0.2022

Rectangle

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



35.6975, 0.4645, 0.3225



35.6975, 0.4660, 0.4254



35.6975, 0.1801, 0.3070



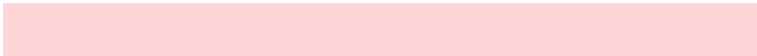
35.6975, 0.1742, 0.2127

Sweetspot

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



35.6994, 0.4645, 0.3225



74.4265, 0.3417, 0.3270



39.7475, 0.3105, 0.1975



15.3156, 0.3462, 0.3267



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.



35.6994, 0.4645, 0.3225



29.8017, 0.5120, 0.3222



54.1574, 0.4342, 0.3900



18.0020, 0.3286, 0.3278



11.1301, 0.6350, 0.3272



1.0887, 0.6230, 0.3206

Inverse Universe

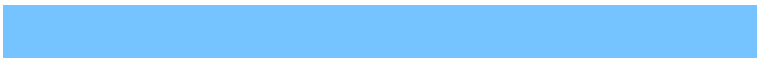
The Inverse Universe completely reimagines the original color for something new.



35.6994, 0.4645, 0.3225



29.8017, 0.5120, 0.3222



50.3872, 0.2287, 0.2551



18.0020, 0.3286, 0.3278



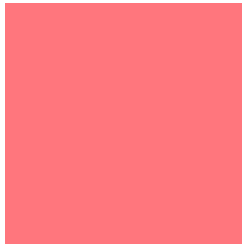
11.1301, 0.6350, 0.3272



1.0887, 0.6230, 0.3206

Previews

White Background



This preview shows how the Yxy color 35.6975, 0.4645, 0.3225 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 35.6975, 0.4645, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

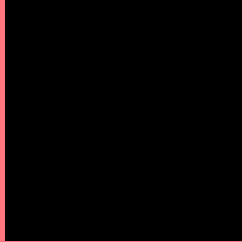
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6975, 0.4645, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 35.6975, 0.4645, 0.3225.



This preview shows how white text looks on a background with the Yxy color 35.6975, 0.4645, 0.3225.

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

35.6975, 0.4645, 0.3225

Protanopia

35.8899, 0.3332, 0.3508

Deuteranopia

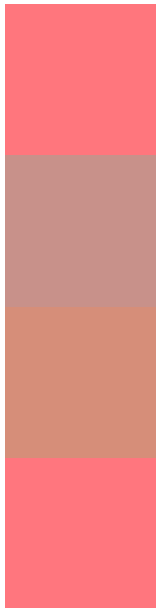
35.8510, 0.3853, 0.3780



Tritanopia

35.7232, 0.4633, 0.3215

Trichromacy



Original Color

35.6975, 0.4645, 0.3225

Protanomaly

34.3651, 0.3795, 0.3384

Deuteranomaly

35.0226, 0.4145, 0.3553

Tritanomaly

35.7232, 0.4633, 0.3215

Monochromacy



Original Color

35.6975, 0.4645, 0.3225

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.9595, 0.3643, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6975, 0.4645, 0.3225 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, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 125)  
}
```

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, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 125) }
```

Border

The CSS property to change the border of an element to Yxy 35.6975, 0.4645, 0.3225 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, 118, 125) }
```

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

```
.border{ border-color:rgb(255, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6975, 0.4645, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 125) }
```

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

```
.background{ background-color: rgb(255,  
118, 125) }
```

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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