

Converting Colors

Yxy(34.2456, 0.4831, 0.3304)

Have a look what the booklet for
Yxy(34.2456, 0.4831, 0.3304)
contains.

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Color

Yxy(34.2401, 0.4833, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	FF7170
RGB	255, 113, 112
RGB Percent	100%, 44%, 44%
CMY	0.0000, 0.5568, 0.5609
CMYK	0.00, 0.56, 0.56, 0.00
HSL	0°, 100%, 72%
HSV	0°, 56%, 100%
XYZ	50.0703, 34.2401, 19.2905
YIQ	155.3440, 84.9530, 29.7930

Conversions

Conversions Part 2

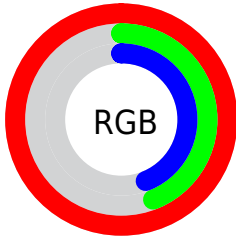
Format	Color
R_{YB}	255, 113, 112
Decimal	16740720
CIE Lab	65.15, 54.02, 27.59
CIE LCh	65, 60.658, 27.055
Yxy	34.2401, 0.4833, 0.3305
Android (android.graphics.Color)	4294930800 (0xFFFF7170)
YUV	155.3440, -21.3686, 87.3983
Hunter-Lab	58.5150, 50.3381, 21.4146

Details

The Yxy color **34.2401, 0.4833, 0.3305** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.5244, 0.2417, 0.3276**, and the grayscale version is **33.0064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3163, 0.3973, 0.3345**, and **14.6339, 0.5370, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **28.8682, 0.5315, 0.3307**, and if you desaturate by 10%, it is **41.3490, 0.4387, 0.3303**.

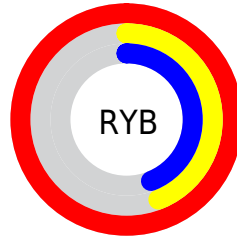
Distribution



Red (100%)

Green (44%)

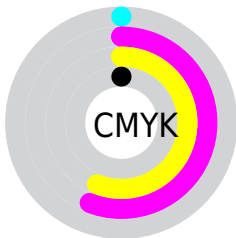
Blue (44%)



Red (100%)

Yellow (44%)

Blue (44%)

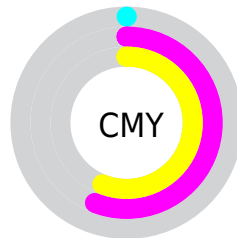


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2401, 0.4833, 0.3305 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 34.2401, 0.4833, 0.3305 by changing the saturation by 10% instead.


 34.2401, 0.4833,
0.3305


 34.2401, 0.4833,
0.3305


321.2013, 0.3935,
0.3349

 23.0781, 0.5064,
0.3275


 66.3069, 0.4500,
0.3335


 14.6512, 0.5362,
0.3225


 87.9804, 0.4376,
0.3342

 8.5750, 0.5754,
0.3137


 113.9267, 0.4273,
0.3346

 4.4650, 0.6283,
0.2977

 144.5299, 0.4185,
0.3348

 1.9369, 0.7238,
0.2762

180.1746, 0.4109,
0.3349

 0.5704, 0.8032,
0.1968

221.2452, 0.4043,

 0.0000, 1.0000,

0.3350

0.0000

268.1259, 0.3986,
0.3349

■ 0.0000, 0.0000,
0.0000

■ 34.2401, 0.4833,
0.3305

■ 34.2401, 0.4833,
0.3305

■ 28.8682, 0.5315,
0.3307

■ 41.3490, 0.4387,
0.3303

■ 25.0827, 0.5778,
0.3307

■ 50.3244, 0.4003,
0.3300

■ 22.7110, 0.6144,
0.3305

■ 61.2859, 0.3688,
0.3297

■ 21.5386, 0.6351,
0.3302

■ 74.3424, 0.3433,
0.3294

■ 21.3000, 0.6397,
0.3302

■ 89.5950, 0.3230,
0.3291

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.



34.2401, 0.4150, 0.2704



34.2401, 0.4833, 0.3305



34.2401, 0.4931, 0.3959

Triad

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



34.2401, 0.4833, 0.3305



34.2401, 0.2852, 0.4810



34.2401, 0.1804, 0.1950

Complementary

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



34.2401, 0.4833, 0.3305



81.5244, 0.2417, 0.3276

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.



34.2401, 0.1580, 0.2238



34.2401, 0.4833, 0.3305



34.2401, 0.2103, 0.3914

Square

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



34.2401, 0.4833, 0.3305



34.2401, 0.3724, 0.5013



34.2401, 0.1669, 0.2905



34.2401, 0.2344, 0.1963

Rectangle

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



34.2401, 0.4833, 0.3305



34.2401, 0.4683, 0.4395



34.2401, 0.1669, 0.2905



34.2401, 0.1695, 0.2009

Sweetspot

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



34.2407, 0.4833, 0.3305



73.0646, 0.3454, 0.3294



40.0619, 0.3189, 0.1963



15.0489, 0.3502, 0.3295



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.



34.2407, 0.4833, 0.3305



28.4604, 0.5359, 0.3307



56.4968, 0.4350, 0.4016



18.0081, 0.3294, 0.3292



11.1388, 0.6396, 0.3304



1.0916, 0.6384, 0.3313

Inverse Universe

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



81.5244, 0.2417, 0.3276



79.8457, 0.2340, 0.3273



44.7304, 0.2227, 0.2385



20.4576, 0.2980, 0.3288



40.5417, 0.2240, 0.3265



3.9544, 0.2241, 0.3268

Previews

White Background



This preview shows how the Yxy color 34.2401, 0.4833, 0.3305 looks on a white background.

Color Contrast Check

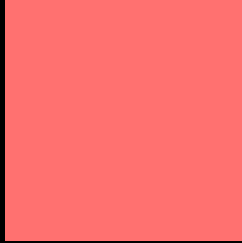
Large Text (above 18pt) WCAG AA × Fail

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 34.2401, 0.4833, 0.3305 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 34.2401, 0.4833, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 34.2401, 0.4833, 0.3305.



This preview shows how white text looks on a background with the Yxy color 34.2401, 0.4833, 0.3305.

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

34.2401, 0.4833, 0.3305

Protanopia

34.3352, 0.3461, 0.3675

Deuteranopia

34.4235, 0.3997, 0.3930



Tritanopia

34.2044, 0.4742, 0.3216

Trichromacy



Original Color

34.2401, 0.4833, 0.3305

Protanomaly

32.9688, 0.3940, 0.3518

Deuteranomaly

33.5558, 0.4312, 0.3661

Tritanomaly

34.1327, 0.4779, 0.3246

Monochromacy



Original Color

34.2401, 0.4833, 0.3305

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6966, 0.3705, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2401, 0.4833, 0.3305 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 112) }
```

Border

The CSS property to change the border of an element to Yxy 34.2401, 0.4833, 0.3305 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, 112) }
```

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

```
.border{ border-color:rgb(255, 113, 112) }
```

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, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2401, 0.4833, 0.3305 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, 112) }
```

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

```
.background{ background-color: rgb(255,  
113, 112) }
```

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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