

Converting Colors

$Y_{xy}(32.9366, 0.4770, 0.3305)$

Have a look what the booklet for
Yxy(32.9366, 0.4770, 0.3305)
contains.

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Color

Yxy(32.9366, 0.4770, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	F87170
RGB	248, 113, 112
RGB Percent	97%, 44%, 44%
CMY	0.0275, 0.5568, 0.5607
CMYK	0.00, 0.54, 0.55, 0.03
HSL	0°, 91%, 71%
HSV	0°, 55%, 97%
XYZ	47.5363, 32.9366, 19.1840
YIQ	153.2510, 80.7810, 28.3090

Conversions

Conversions Part 2

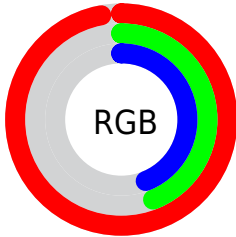
Format	Color
R _{YB}	248, 113, 112
Decimal	16281968
CIE Lab	64.11, 51.59, 26.00
CIE LCh	64, 57.767, 26.747
Yxy	32.9366, 0.4770, 0.3305
Android (android.graphics.Color)	4294472048 (0xFFFF87170)
YUV	153.2510, -20.3367, 83.0949
Hunter-Lab	57.3904, 47.4179, 20.3544

Details

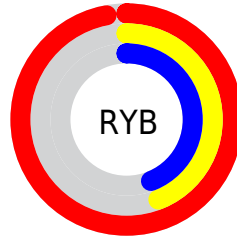
The Yxy color **32.9366, 0.4770, 0.3305** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **76.7223, 0.2428, 0.3276**, and the grayscale version is **32.0376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9456, 0.3977, 0.3335**, and **13.8354, 0.5295, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **27.6914, 0.5249, 0.3307**, and if you desaturate by 10%, it is **39.8263, 0.4332, 0.3302**.

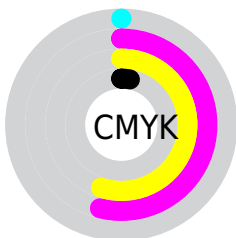
Distribution



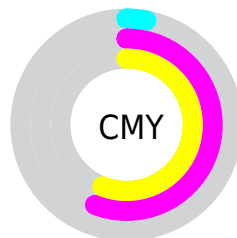
- Red (97%)
- Green (44%)
- Blue (44%)



- Red (97%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9366, 0.4770, 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 32.9366, 0.4770, 0.3305 by changing the saturation by 10% instead.


 32.9366, 0.4770,
0.3305


 32.9366, 0.4770,
0.3305


315.3640, 0.3898,
0.3345


 22.0779, 0.4998,
0.3277


 64.2765, 0.4444,
0.3332


 13.9141, 0.5292,
0.3229


 85.5265, 0.4324,
0.3339

 8.0610, 0.5684,
0.3146

 111.0091, 0.4224,
0.3342

 4.1340, 0.6219,
0.2990

 141.1086, 0.4139,
0.3344

 1.7488, 0.7218,
0.2782

176.2094, 0.4066,
0.3345

 0.4550, 0.8154,
0.1846

216.6960, 0.4003,

 0.0000, 1.0000,

0.3346

0.0000

262.9527, 0.3947,
0.3345

 0.0000, 0.0000,
0.0000

 32.9366, 0.4770,
0.3305


 32.9366, 0.4770,
0.3305

 27.6914, 0.5249,
0.3307


 39.8263, 0.4332,
0.3302


 23.9491, 0.5718,
0.3307


 48.4762, 0.3958,
0.3299


 21.5534, 0.6101,
0.3306

 58.9977, 0.3651,
0.3296

 20.3110, 0.6332,
0.3303

 71.4916, 0.3405,
0.3294

 19.9928, 0.6397,
0.3303

 86.0513, 0.3208,
0.3291

98.6927, 0.3084,
0.3290

Harmonies

Analogous

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



32.9366, 0.4106, 0.2718



32.9366, 0.4770, 0.3305



32.9366, 0.4877, 0.3943

Triad

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



32.9366, 0.4770, 0.3305



32.9366, 0.2876, 0.4755



32.9366, 0.1838, 0.1990

Complementary

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



32.9366, 0.4770, 0.3305



76.7223, 0.2428, 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.



32.9366, 0.1622, 0.2278



32.9366, 0.4770, 0.3305



32.9366, 0.2144, 0.3902

Square

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



32.9366, 0.4770, 0.3305



32.9366, 0.3722, 0.4952



32.9366, 0.1715, 0.2931



32.9366, 0.2362, 0.1999

Rectangle

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



32.9366, 0.4770, 0.3305



32.9366, 0.4645, 0.4365



32.9366, 0.1715, 0.2931



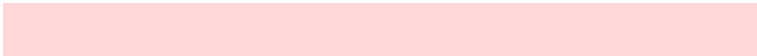
32.9366, 0.1733, 0.2050

Sweetspot

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



32.9384, 0.4770, 0.3305



74.4740, 0.3431, 0.3294



38.3194, 0.3188, 0.1988



15.3267, 0.3479, 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.



32.9384, 0.4770, 0.3305



28.9152, 0.5311, 0.3307



53.7633, 0.4313, 0.4001



17.2459, 0.3294, 0.3292



10.8110, 0.6395, 0.3304



1.0084, 0.6382, 0.3314

Inverse Universe

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



76.7223, 0.2428, 0.3276



79.9541, 0.2346, 0.3273



42.8619, 0.2247, 0.2411



19.5851, 0.2980, 0.3288



39.3264, 0.2240, 0.3265



3.6493, 0.2241, 0.3268

Previews

White Background



This preview shows how the Yxy color 32.9366, 0.4770, 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 32.9366, 0.4770, 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 32.9366, 0.4770, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 32.9366, 0.4770, 0.3305.



This preview shows how white text looks on a background with the Yxy color 32.9366, 0.4770, 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

32.9366, 0.4770, 0.3305

Protanopia

32.9739, 0.3447, 0.3652

Deuteranopia

32.9746, 0.3962, 0.3888



Tritanopia

32.8767, 0.4690, 0.3224

Trichromacy



Original Color

32.9366, 0.4770, 0.3305

Protanomaly

31.8135, 0.3918, 0.3509

Deuteranomaly

32.2463, 0.4273, 0.3645

Tritanomaly

32.8058, 0.4728, 0.3254

Monochromacy



Original Color

32.9366, 0.4770, 0.3305

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.7033, 0.3690, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9366, 0.4770, 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(248, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 113, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.9366, 0.4770, 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(248, 113, 112) }
```

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

```
.border{ border-color:rgb(248, 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(248, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(248, 113,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9366, 0.4770, 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(248, 113, 112) }
```

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

```
.background{ background-color: rgb(248,  
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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