

Converting Colors

$Y_{xy}(31.5246, 0.4711, 0.3225)$

Have a look what the booklet for
Yxy(31.5246, 0.4711, 0.3225)
contains.

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Color

Yxy(31.4313, 0.4709, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	F46D74
RGB	244, 109, 116
RGB Percent	96%, 43%, 45%
CMY	0.0432, 0.5724, 0.5451
CMYK	0.00, 0.55, 0.52, 0.04
HSL	357°, 86%, 69%
HSV	357°, 55%, 96%
XYZ	45.9231, 31.4313, 20.1675
YIQ	150.1630, 78.2130, 30.7970

Conversions

Conversions Part 2

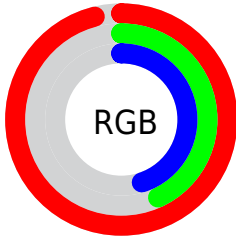
Format	Color
R _Y B	244, 109, 116
Decimal	16018804
CIE Lab	62.87, 52.39, 21.98
CIE LCh	63, 56.810, 22.758
Yxy	31.4313, 0.4709, 0.3223
Android (android.graphics.Color)	4294208884 (0xFFFF46D74)
YUV	150.1630, -16.8424, 82.2950
Hunter-Lab	56.0636, 48.1023, 17.9164

Details

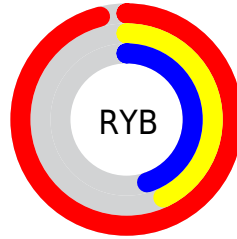
The Yxy color **31.4313, 0.4709, 0.3223** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.0553, 0.2457, 0.3373**, and the grayscale version is **30.6233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6381, 0.3953, 0.3250**, and **13.1230, 0.5229, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **26.4556, 0.5173, 0.3221**, and if you desaturate by 10%, it is **37.9887, 0.4289, 0.3232**.

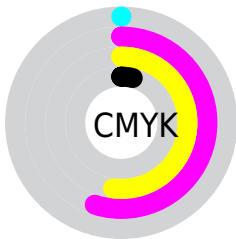
Distribution



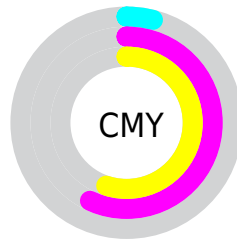
- Red (96%)
- Green (43%)
- Blue (45%)



- Red (96%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (4%)





- Cyan (4%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4313, 0.4709, 0.3223 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 31.4313, 0.4709, 0.3223 by changing the saturation by 10% instead.


 31.4313, 0.4709,
0.3223


 31.4313, 0.4709,
0.3223

308.5204, 0.3863,
0.3299

 20.9275, 0.4934,
0.3188


 61.9185, 0.4390,
0.3262


 13.0710, 0.5228,
0.3132

 82.6706, 0.4274,
0.3273

 7.4775, 0.5624,
0.3039


 107.6077, 0.4177,
0.3281

 3.7625, 0.6177,
0.2873

 137.1141, 0.4094,
0.3287

 1.5416, 0.7298,
0.2676

171.5741, 0.4024,
0.3291

 0.3177, 0.8512,
0.1488

211.3723, 0.3963,

 0.0000, 1.0000,

0.3295

0.0000

256.8929, 0.3909,
0.3297

0.0000, 0.0000,
0.0000

31.4313, 0.4709,
0.3223

31.4313, 0.4709,
0.3223

26.4556, 0.5173,
0.3221

37.9887, 0.4289,
0.3232

22.9237, 0.5636,
0.3228

46.2407, 0.3931,
0.3244

20.6826, 0.6031,
0.3246

56.2955, 0.3638,
0.3257

19.5421, 0.6290,
0.3271

68.2510, 0.3401,
0.3271

19.2570, 0.6362,
0.3278

82.1982, 0.3212,
0.3283

97.9576, 0.3060,
0.3292

97.9689, 0.3059,
0.3290

Harmonies

Analogous

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



31.4313, 0.3988, 0.2648



31.4313, 0.4709, 0.3223



31.4313, 0.4894, 0.3857

Triad

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



31.4313, 0.4709, 0.3223



31.4313, 0.2987, 0.4823



31.4313, 0.1793, 0.2011

Complementary

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



31.4313, 0.4709, 0.3223



74.0553, 0.2457, 0.3373

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.



31.4313, 0.1618, 0.2344



31.4313, 0.4709, 0.3223



31.4313, 0.2227, 0.4036

Square

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



31.4313, 0.4709, 0.3223



31.4313, 0.3830, 0.4924



31.4313, 0.1753, 0.3047



31.4313, 0.2275, 0.1984

Rectangle

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



31.4313, 0.4709, 0.3223



31.4313, 0.4705, 0.4282



31.4313, 0.1753, 0.3047



31.4313, 0.1701, 0.2084

Sweetspot

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



31.4330, 0.4709, 0.3223



73.0215, 0.3438, 0.3268



35.1323, 0.3104, 0.1946



15.0389, 0.3483, 0.3265



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.



31.4330, 0.4709, 0.3223



28.8612, 0.5213, 0.3221



48.1568, 0.4386, 0.3913



16.4964, 0.3286, 0.3278



10.4790, 0.6347, 0.3270



0.9258, 0.6214, 0.3197

Inverse Universe

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



31.4330, 0.4709, 0.3223



28.8612, 0.5213, 0.3221



44.6903, 0.2267, 0.2527



16.4964, 0.3286, 0.3278



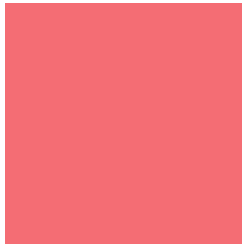
10.4790, 0.6347, 0.3270



0.9258, 0.6214, 0.3197

Previews

White Background



This preview shows how the Yxy color 31.4313, 0.4709, 0.3223 looks on a white background.

Color Contrast Check

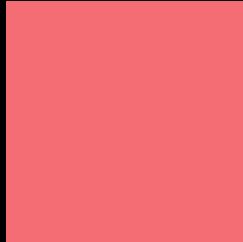
Large Text (above 18pt) WCAG AA × Fail

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 31.4313, 0.4709, 0.3223 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 31.4313, 0.4709, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 31.4313, 0.4709, 0.3223.



This preview shows how white text looks on a background with the Yxy color 31.4313, 0.4709, 0.3223.

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

31.4313, 0.4709, 0.3223

Protanopia

31.6050, 0.3353, 0.3536

Deuteranopia

31.5073, 0.3883, 0.3805



Tritanopia

31.4313, 0.4709, 0.3223

Trichromacy



Original Color

31.4313, 0.4709, 0.3223

Protanomaly

30.1404, 0.3823, 0.3389

Deuteranomaly

30.7823, 0.4193, 0.3564

Tritanomaly

31.4313, 0.4709, 0.3223

Monochromacy



Original Color

31.4313, 0.4709, 0.3223

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.3533, 0.3655, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4313, 0.4709, 0.3223 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(244, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(244, 109, 116)  
}
```

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(244, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 109, 116) }
```

Border

The CSS property to change the border of an element to Yxy 31.4313, 0.4709, 0.3223 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(244, 109, 116) }
```

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

```
.border{ border-color:rgb(244, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 109, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 109, 116);  
box-shadow:4px 4px 4px 4px rgb(244, 109,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4313, 0.4709, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 109, 116) }
```

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

```
.background{ background-color: rgb(244,  
109, 116) }
```

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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