

Converting Colors

$Y_{xy}(29.5980, 0.4701, 0.3083)$

Have a look what the booklet for
Yxy(29.5980, 0.4701, 0.3083)
contains.

Yxy(29.7279, 0.4697, 0.3081)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.7279, 0.4697, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	F46479
RGB	244, 100, 121
RGB Percent	96%, 39%, 47%
CMY	0.0431, 0.6079, 0.5255
CMYK	0.00, 0.59, 0.50, 0.04
HSL	351°, 87%, 67%
HSV	351°, 59%, 96%
XYZ	45.3203, 29.7279, 21.4396
YIQ	145.4500, 79.0830, 37.0590

Conversions

Conversions Part 2

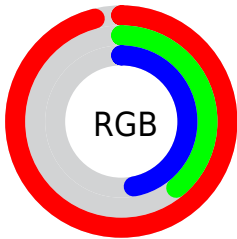
Format	Color
R _Y B	244, 100, 121
Decimal	16016505
CIE Lab	61.42, 56.92, 17.13
CIE LCh	61, 59.440, 16.746
Yxy	29.7279, 0.4697, 0.3081
Android (android.graphics.Color)	4294206585 (0xFFFF46479)
YUV	145.4500, -12.0539, 86.4283
Hunter-Lab	54.5233, 52.9553, 14.8524

Details

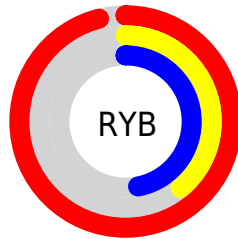
The Yxy color **29.7279, 0.4697, 0.3081** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.7466, 0.2486, 0.3551**, and the grayscale version is **28.5340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0541, 0.3931, 0.3114**, and **12.2042, 0.5222, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **25.2719, 0.5131, 0.3074**, and if you desaturate by 10%, it is **35.6988, 0.4301, 0.3105**.

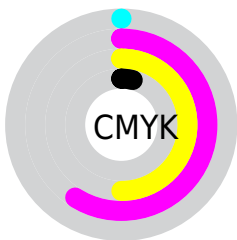
Distribution



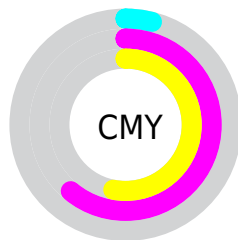
- Red (96%)
- Green (39%)
- Blue (47%)



- Red (96%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7279, 0.4697, 0.3081 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 29.7279, 0.4697, 0.3081 by changing the saturation by 10% instead.


 29.7279, 0.4697,
0.3081


 29.7279, 0.4697,
0.3081


300.6341, 0.3850,
0.3226

 19.6321, 0.4925,
0.3030


 59.2316, 0.4376,
0.3144


 12.1279, 0.5226,
0.2955


 79.4083, 0.4259,
0.3165

 6.8309, 0.5636,
0.2838


 103.7142, 0.4162,
0.3181

 3.3566, 0.6218,
0.2642

 132.5336, 0.4080,
0.3194

 1.3206, 0.7313,
0.2366

166.2508, 0.4010,
0.3204

 0.1571, 0.9176,
0.0824

205.2504, 0.3950,

 0.0000, 1.0000,

0.3213

0.0000

249.9167, 0.3897,
0.3220

0.0000, 0.0000,
0.0000

29.7279, 0.4697,
0.3081

29.7279, 0.4697,
0.3081

25.2719, 0.5131,
0.3074

35.6988, 0.4301,
0.3105

22.1892, 0.5565,
0.3092

43.2997, 0.3960,
0.3140

20.3202, 0.5942,
0.3138


52.6401, 0.3678,
0.3179

19.4250, 0.6211,
0.3202

63.8188, 0.3448,
0.3219

19.3604, 0.6232,
0.3207

76.9270, 0.3263,
0.3257

 92.0499, 0.3114,
0.3293

 97.9755, 0.3060,
0.3290

Harmonies

Analogous

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



29.7279, 0.3845, 0.2504



29.7279, 0.4697, 0.3081



29.7279, 0.5013, 0.3733

Triad

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



29.7279, 0.4697, 0.3081



29.7279, 0.3145, 0.5021



29.7279, 0.1662, 0.1982

Complementary

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



29.7279, 0.4697, 0.3081



72.7466, 0.2486, 0.3551

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.



29.7279, 0.1542, 0.2397



29.7279, 0.4697, 0.3081



29.7279, 0.2309, 0.4301

Square

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



29.7279, 0.4697, 0.3081



29.7279, 0.4023, 0.4958



29.7279, 0.1746, 0.3219



29.7279, 0.2098, 0.1899

Rectangle

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



29.7279, 0.4697, 0.3081



29.7279, 0.4876, 0.4184



29.7279, 0.1746, 0.3219



29.7279, 0.1588, 0.2079

Sweetspot

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



29.7295, 0.4697, 0.3081



71.8573, 0.3428, 0.3223



31.2404, 0.2985, 0.1824



14.5499, 0.3489, 0.3211



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.



29.7295, 0.4697, 0.3081



27.0780, 0.5226, 0.3076



42.0966, 0.4590, 0.3820



16.5219, 0.3271, 0.3256



10.5378, 0.6203, 0.3191



0.9379, 0.5906, 0.3027

Inverse Universe

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



29.7295, 0.4697, 0.3081



27.0780, 0.5226, 0.3076



47.6505, 0.2253, 0.2631



16.5219, 0.3271, 0.3256



10.5378, 0.6203, 0.3191



0.9379, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 29.7279, 0.4697, 0.3081 looks on a white background.

Color Contrast Check

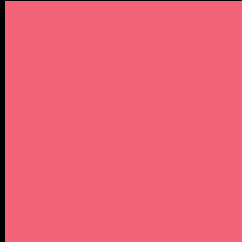
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7279, 0.4697, 0.3081 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 × Fail

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

Yxy 29.7279, 0.4697, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 29.7279, 0.4697, 0.3081.



This preview shows how white text looks on a background with the Yxy color 29.7279, 0.4697, 0.3081.

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

29.7279, 0.4697, 0.3081

Protanopia

29.8995, 0.3198, 0.3337

Deuteranopia

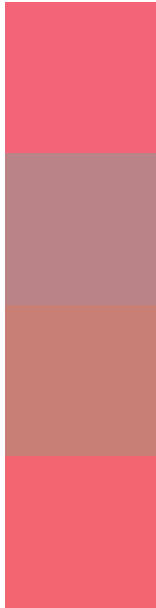
29.9738, 0.3789, 0.3718



Tritanopia

29.6616, 0.4835, 0.3225

Trichromacy



Original Color

29.7279, 0.4697, 0.3081

Protanomaly

28.3245, 0.3704, 0.3221

Deuteranomaly

28.7425, 0.4126, 0.3425

Tritanomaly

29.5543, 0.4789, 0.3174

Monochromacy



Original Color

29.7279, 0.4697, 0.3081

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3018, 0.3664, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7279, 0.4697, 0.3081 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, 100, 121)` looks like.

```
.text, #text, p{  
    color:rgb(244, 100, 121)  
}
```

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, 100, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 100, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.7279, 0.4697, 0.3081 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, 100, 121) }
```

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

```
.border{ border-color:rgb(244, 100, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 100, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 100, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 100, 121);  
box-shadow:4px 4px 4px 4px rgb(244, 100,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7279, 0.4697, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 100, 121) }
```

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

```
.background{ background-color: rgb(244,  
100, 121) }
```

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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