

Converting Colors

Yxy(29.9181, 0.4715, 0.3096)

Have a look what the booklet for
Yxy(29.9181, 0.4715, 0.3096)
contains.

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Color

Yxy(29.8829, 0.4720, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	F56478
RGB	245, 100, 120
RGB Percent	96%, 39%, 47%
CMY	0.0392, 0.6078, 0.5295
CMYK	0.00, 0.59, 0.51, 0.04
HSL	352°, 88%, 68%
HSV	352°, 59%, 96%
XYZ	45.6021, 29.8829, 21.1296
YIQ	145.6350, 80.0000, 36.9600

Conversions

Conversions Part 2

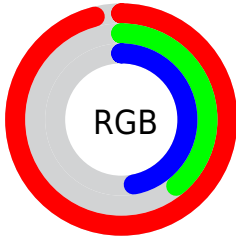
Format	Color
R _Y B	245, 100, 120
Decimal	16082040
CIE Lab	61.55, 57.15, 17.92
CIE LCh	62, 59.892, 17.411
Yxy	29.8829, 0.4720, 0.3093
Android (android.graphics.Color)	4294272120 (0xFFFF56478)
YUV	145.6350, -12.6381, 87.1431
Hunter-Lab	54.6653, 53.2416, 15.3485

Details

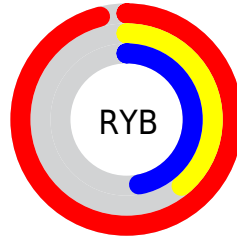
The Yxy color **29.8829, 0.4720, 0.3093** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.4503, 0.2480, 0.3537**, and the grayscale version is **28.6173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0155, 0.3941, 0.3124**, and **12.2441, 0.5259, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **25.4122, 0.5158, 0.3088**, and if you desaturate by 10%, it is **35.8825, 0.4319, 0.3116**.

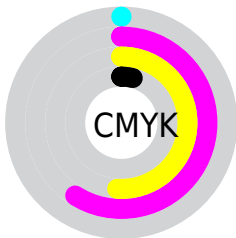
Distribution



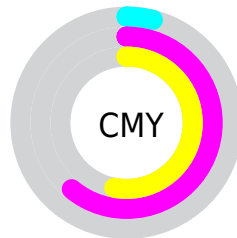
- Red (96%)
- Green (39%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (51%)
- Black (4%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8829, 0.4720, 0.3093 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 29.8829, 0.4720, 0.3093 by changing the saturation by 10% instead.


 29.8829, 0.4720,
0.3093


 29.8829, 0.4720,
0.3093


301.3582, 0.3862,
0.3233


 19.7497, 0.4951,
0.3043


 59.4769, 0.4395,
0.3155


 12.2132, 0.5254,
0.2968


 79.7066, 0.4277,
0.3175

 6.8891, 0.5667,
0.2851


 104.0705, 0.4178,
0.3190

 3.3928, 0.6251,
0.2655

 132.9531, 0.4095,
0.3203

 1.3401, 0.7366,
0.2385

166.7388, 0.4024,
0.3213

 0.1719, 0.9120,
0.0880

205.8120, 0.3963,

 0.0000, 1.0000,

0.3221

0.0000

250.5570, 0.3909,
0.3227

0.0000, 0.0000,
0.0000

29.8829, 0.4720,
0.3093

29.8829, 0.4720,
0.3093

25.4122, 0.5158,
0.3088

35.8825, 0.4319,
0.3116

22.3271, 0.5593,
0.3106

43.5278, 0.3974,
0.3148

20.4652, 0.5968,
0.3151


52.9298, 0.3687,
0.3185


19.5799, 0.6230,
0.3211

64.1884, 0.3454,
0.3222

19.5259, 0.6247,
0.3215

77.3962, 0.3267,
0.3259

 92.6393, 0.3116,
0.3293

 98.1519, 0.3066,
0.3290

Harmonies

Analogous

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



29.8829, 0.3872, 0.2512



29.8829, 0.4720, 0.3093



29.8829, 0.5022, 0.3749

Triad

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



29.8829, 0.4720, 0.3093



29.8829, 0.3124, 0.5024



29.8829, 0.1662, 0.1970

Complementary

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



29.8829, 0.4720, 0.3093



73.4503, 0.2480, 0.3537

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.



29.8829, 0.1534, 0.2378



29.8829, 0.4720, 0.3093



29.8829, 0.2288, 0.4284

Square

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



29.8829, 0.4720, 0.3093



29.8829, 0.4008, 0.4975



29.8829, 0.1731, 0.3195



29.8829, 0.2106, 0.1895

Rectangle

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



29.8829, 0.4720, 0.3093



29.8829, 0.4876, 0.4201



29.8829, 0.1731, 0.3195



29.8829, 0.1585, 0.2065

Sweetspot

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



29.8845, 0.4720, 0.3093



71.8381, 0.3431, 0.3227



31.4368, 0.2984, 0.1820



14.5453, 0.3492, 0.3216



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.



29.8845, 0.4720, 0.3093



27.0497, 0.5246, 0.3089



42.3874, 0.4596, 0.3821



16.5197, 0.3272, 0.3258



10.5309, 0.6220, 0.3200



0.9369, 0.5931, 0.3041

Inverse Universe

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



29.8845, 0.4720, 0.3093



27.0497, 0.5246, 0.3089



47.9985, 0.2250, 0.2629



16.5197, 0.3272, 0.3258



10.5309, 0.6220, 0.3200



0.9369, 0.5931, 0.3041

Previews

White Background



This preview shows how the Yxy color 29.8829, 0.4720, 0.3093 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 29.8829, 0.4720, 0.3093 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 29.8829, 0.4720, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 29.8829, 0.4720, 0.3093.



This preview shows how white text looks on a background with the Yxy color 29.8829, 0.4720, 0.3093.

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

29.8829, 0.4720, 0.3093

Protanopia

29.9657, 0.3218, 0.3353

Deuteranopia

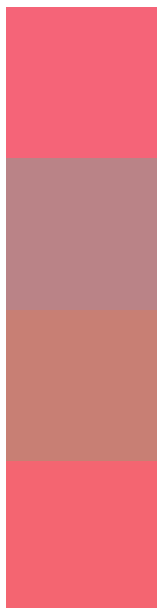
29.9511, 0.3799, 0.3733



Tritanopia

29.8400, 0.4844, 0.3225

Trichromacy



Original Color

29.8829, 0.4720, 0.3093

Protanomaly

28.4210, 0.3727, 0.3235

Deuteranomaly

28.7191, 0.4138, 0.3438

Tritanomaly

29.7327, 0.4798, 0.3174

Monochromacy



Original Color

29.8829, 0.4720, 0.3093

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.4517, 0.3664, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8829, 0.4720, 0.3093 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(245, 100, 120)` looks like.

```
.text, #text, p{  
    color:rgb(245, 100, 120)  
}
```

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(245, 100, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 100, 120) }
```

Border

The CSS property to change the border of an element to Yxy 29.8829, 0.4720, 0.3093 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(245, 100, 120) }
```

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

```
.border{ border-color:rgb(245, 100, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 100, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 100, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 100, 120);  
box-shadow:4px 4px 4px 4px rgb(245, 100,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8829, 0.4720, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 100, 120) }
```

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

```
.background{ background-color: rgb(245,  
100, 120) }
```

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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