

Converting Colors

$Yxy(27.1254, 0.4646, 0.3007)$

Have a look what the booklet for
Yxy(27.1254, 0.4646, 0.3007)
contains.

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Color

Yxy(27.2188, 0.4652, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	EC5E79
RGB	236, 94, 121
RGB Percent	93%, 37%, 47%
CMY	0.0744, 0.6314, 0.5255
CMYK	0.00, 0.60, 0.49, 0.07
HSL	349°, 79%, 65%
HSV	349°, 60%, 93%
XYZ	42.0531, 27.2188, 21.1260
YIQ	139.5360, 75.9650, 38.5010

Conversions

Conversions Part 2

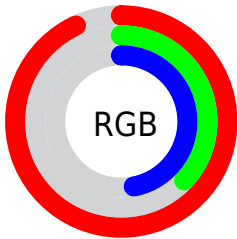
Format	Color
R_{YB}	236, 94, 121
Decimal	15490681
CIE _{Lab}	59.18, 56.96, 13.83
CIE _{LCh}	59, 58.618, 13.647
Yxy	27.2188, 0.4652, 0.3011
Android (android.graphics.Color)	4293680761 (0xFFEC5E79)
YUV	139.5360, -9.1382, 84.5989
Hunter-Lab	52.1716, 52.5800, 12.5117

Details

The Yxy color **27.2188, 0.4652, 0.3011** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **66.9901, 0.2508, 0.3642**, and the grayscale version is **26.0486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0898, 0.3951, 0.3051**, and **10.7391, 0.5182, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **23.2226, 0.5066, 0.3001**, and if you desaturate by 10%, it is **32.5936, 0.4274, 0.3043**.

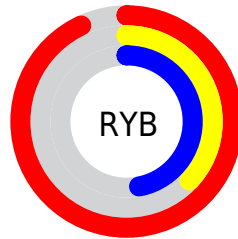
Distribution



Red (93%)

Green (37%)

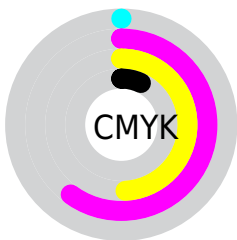
Blue (47%)



Red (93%)

Yellow (37%)

Blue (47%)

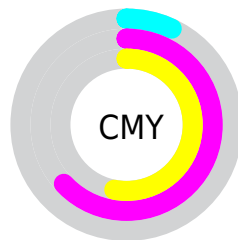


Cyan (0%)

Magenta (60%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (63%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2188, 0.4652, 0.3011 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 27.2188, 0.4652, 0.3011 by changing the saturation by 10% instead.


 27.2188, 0.4652,
0.3011


 27.2188, 0.4652,
0.3011


288.7150, 0.3819,
0.3190


 17.7376, 0.4881,
0.2952


 55.2348, 0.4333,
0.3086

 10.7618, 0.5187,
0.2866


 74.5383, 0.4218,
0.3112

 5.9069, 0.5611,
0.2734

 97.8848, 0.4123,
0.3131

 2.7885, 0.6225,
0.2515

 125.6587, 0.4043,
0.3148

 1.0224, 0.7479,
0.2219

158.2442, 0.3974,
0.3161

 0.0000, 1.0000,
0.0000

196.0258, 0.3916,

 0.0000, 0.0000,

0.3172

0.0000

239.3879, 0.3864,
0.3182

■ 27.2188, 0.4652,
0.3011

■ 27.2188, 0.4652,
0.3011

■ 23.2226, 0.5066,
0.3001

■ 32.5936, 0.4274,
0.3043

■ 20.4739, 0.5484,
0.3021

■ 39.4537, 0.3948,
0.3088

■ 18.8237, 0.5855,
0.3076

■ 47.9002, 0.3676,
0.3139

■ 18.0264, 0.6131,
0.3151

■ 58.0242, 0.3454,
0.3191

■ 69.9097, 0.3274,
0.3242

 83.6352, 0.3130,
0.3289

 96.5645, 0.3013,
0.3292

 96.5778, 0.3012,
0.3290

Harmonies

Analogous

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



27.2188, 0.3750, 0.2441



27.2188, 0.4652, 0.3011



27.2188, 0.5037, 0.3664

Triad

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



27.2188, 0.4652, 0.3011



27.2188, 0.3236, 0.5080



27.2188, 0.1618, 0.1991

Complementary

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



27.2188, 0.4652, 0.3011



66.9901, 0.2508, 0.3642

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.



27.2188, 0.1528, 0.2449



27.2188, 0.4652, 0.3011



27.2188, 0.2374, 0.4425

Square

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



27.2188, 0.4652, 0.3011



27.2188, 0.4117, 0.4937



27.2188, 0.1769, 0.3324



27.2188, 0.2023, 0.1878

Rectangle

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



27.2188, 0.4652, 0.3011



27.2188, 0.4937, 0.4120



27.2188, 0.1769, 0.3324



27.2188, 0.1553, 0.2100

Sweetspot

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



27.2203, 0.4652, 0.3011



71.9631, 0.3413, 0.3202



27.4146, 0.2911, 0.1771



14.5752, 0.3471, 0.3187



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.



27.2203, 0.4652, 0.3011



26.8648, 0.5156, 0.3002



36.4221, 0.4685, 0.3749



15.1009, 0.3263, 0.3245



9.9478, 0.6097, 0.3132



0.7942, 0.5728, 0.2929

Inverse Universe

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



27.2203, 0.4652, 0.3011



26.8648, 0.5156, 0.3002



46.7599, 0.2262, 0.2718



15.1009, 0.3263, 0.3245



9.9478, 0.6097, 0.3132



0.7942, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 27.2188, 0.4652, 0.3011 looks on a white background.

Color Contrast Check

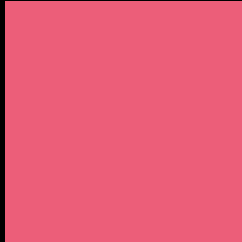
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2188, 0.4652, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

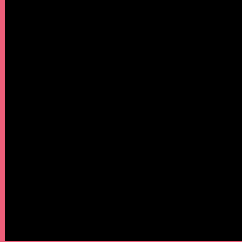
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2188, 0.4652, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 27.2188, 0.4652, 0.3011.



This preview shows how white text looks on a background with the Yxy color 27.2188, 0.4652, 0.3011.

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

27.2188, 0.4652, 0.3011

Protanopia

27.3506, 0.3109, 0.3225

Deuteranopia

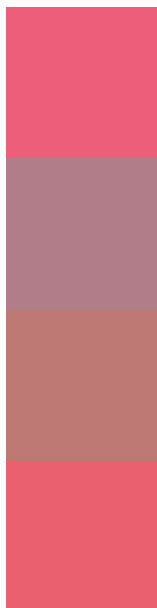
27.2132, 0.3713, 0.3646



Tritanopia

27.1908, 0.4874, 0.3233

Trichromacy



Original Color

27.2188, 0.4652, 0.3011

Protanomaly

25.8205, 0.3618, 0.3116

Deuteranomaly

26.0355, 0.4055, 0.3348

Tritanomaly

27.1537, 0.4785, 0.3149

Monochromacy



Original Color

27.2188, 0.4652, 0.3011

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

24.9733, 0.3649, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2188, 0.4652, 0.3011 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(236, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(236, 94, 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(236, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 94, 121) }
```

Border

The CSS property to change the border of an element to Yxy 27.2188, 0.4652, 0.3011 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(236, 94, 121) }
```

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

```
.border{ border-color:rgb(236, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(236, 94,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2188, 0.4652, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 94, 121) }
```

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

```
.background{ background-color: rgb(236, 94,  
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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