

Converting Colors

$Y_{xy}(28.3775, 0.4940, 0.3062)$

Have a look what the booklet for
Yxy(28.3775, 0.4940, 0.3062)
contains.

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Color

Yxy(28.3102, 0.4949, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	FA5770
RGB	250, 87, 112
RGB Percent	98%, 34%, 44%
CMY	0.0196, 0.6588, 0.5607
CMYK	0.00, 0.65, 0.55, 0.02
HSL	351°, 94%, 66%
HSV	351°, 65%, 98%
XYZ	45.7568, 28.3102, 18.3896
YIQ	138.5870, 89.1230, 42.3310

Conversions

Conversions Part 2

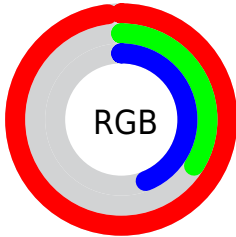
Format	Color
R _Y B	250, 87, 112
Decimal	16406384
CIE Lab	60.17, 63.56, 20.77
CIE LCh	60, 66.868, 18.098
Yxy	28.3102, 0.4949, 0.3062
Android (android.graphics.Color)	4294596464 (0xFFFA5770)
YUV	138.5870, -13.1074, 97.7092
Hunter-Lab	53.2073, 60.3920, 16.7532

Details

The Yxy color **28.3102, 0.4949, 0.3062** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **75.8293, 0.2454, 0.3600**, and the grayscale version is **25.6803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1911, 0.4065, 0.3094**, and **11.3170, 0.5548, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **24.5226, 0.5386, 0.3070**, and if you desaturate by 10%, it is **33.6126, 0.4529, 0.3078**.

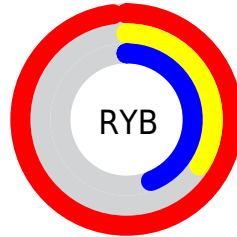
Distribution



Red (98%)

Green (34%)

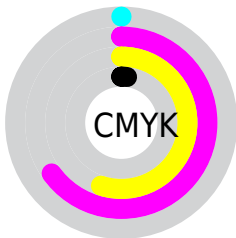
Blue (44%)



Red (98%)

Yellow (34%)

Blue (44%)

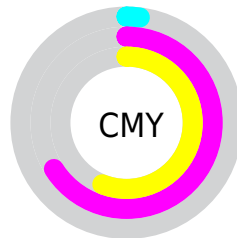


Cyan (0%)

Magenta (65%)

Yellow (55%)

Black (2%)



Cyan (2%)


Magenta (66%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3102, 0.4949, 0.3062 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 28.3102, 0.4949, 0.3062 by changing the saturation by 10% instead.


 28.3102, 0.4949,
0.3062

 28.3102, 0.4949,
0.3062


293.9462, 0.3963,
0.3231

 18.5596, 0.5213,
0.3000


 56.9793, 0.4575,
0.3138


 11.3525, 0.5560,
0.2907


 76.6666, 0.4439,
0.3162

 6.3045, 0.6026,
0.2760


 100.4350, 0.4326,
0.3180

 3.0311, 0.6671,
0.2516

 128.6688, 0.4231,
0.3195

 1.1480, 0.7841,
0.2159

161.7524, 0.4149,
0.3207

 0.0186, 0.9898,
0.0102

200.0703, 0.4078,

 0.0000, 1.0000,

0.3216

0.0000

244.0067, 0.4017,
0.3224

■ 0.0000, 0.0000,
0.0000

■ 28.3102, 0.4949,
0.3062

■ 28.3102, 0.4949,
0.3062

■ 24.5226, 0.5386,
0.3070

■ 33.6126, 0.4529,
0.3078

■ 22.0853, 0.5792,
0.3106

■ 40.5624, 0.4156,
0.3108


■ 20.8040, 0.6107,
0.3168


■ 49.2828, 0.3840,
0.3147

■ 20.4652, 0.6219,
0.3200

■ 59.8844, 0.3581,
0.3189

■ 72.4683, 0.3371,
0.3231

 87.1287, 0.3202,
0.3271

 99.0628, 0.3096,
0.3290

Harmonies

Analogous

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



28.3102, 0.3990, 0.2434



28.3102, 0.4949, 0.3062



28.3102, 0.5250, 0.3768

Triad

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



28.3102, 0.4949, 0.3062



28.3102, 0.3066, 0.5282



28.3102, 0.1520, 0.1819

Complementary

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



28.3102, 0.4949, 0.3062



75.8293, 0.2454, 0.3600

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.



28.3102, 0.1372, 0.2238



28.3102, 0.4949, 0.3062



28.3102, 0.2151, 0.4408

Square

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



28.3102, 0.4949, 0.3062



28.3102, 0.4046, 0.5179



28.3102, 0.1562, 0.3135



28.3102, 0.2004, 0.1754

Rectangle

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



28.3102, 0.4949, 0.3062



28.3102, 0.5051, 0.4266



28.3102, 0.1562, 0.3135



28.3102, 0.1435, 0.1914

Sweetspot

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



28.3118, 0.4949, 0.3062



69.1905, 0.3466, 0.3211



29.3813, 0.2936, 0.1690



14.0328, 0.3527, 0.3199



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.



28.3118, 0.4949, 0.3062



24.7801, 0.5509, 0.3077



40.1613, 0.4831, 0.3826



17.2686, 0.3270, 0.3254



10.8690, 0.6189, 0.3183



1.0190, 0.5902, 0.3025

Inverse Universe

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



28.3118, 0.4949, 0.3062



24.7801, 0.5509, 0.3077



48.2583, 0.2188, 0.2585



17.2686, 0.3270, 0.3254



10.8690, 0.6189, 0.3183



1.0190, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 28.3102, 0.4949, 0.3062 looks on a white background.

Color Contrast Check

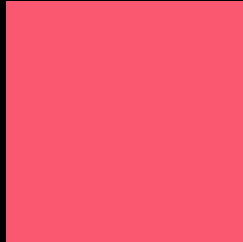
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3102, 0.4949, 0.3062 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 28.3102, 0.4949, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 28.3102, 0.4949, 0.3062.



This preview shows how white text looks on a background with the Yxy color 28.3102, 0.4949, 0.3062.

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

28.3102, 0.4949, 0.3062

Protanopia

28.5338, 0.3219, 0.3370

Deuteranopia

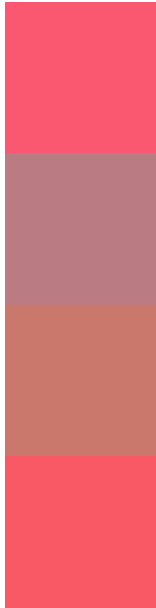
28.3490, 0.3895, 0.3813



Tritanopia

28.2783, 0.5149, 0.3251

Trichromacy



Original Color

28.3102, 0.4949, 0.3062

Protanomaly

26.4661, 0.3816, 0.3207

Deuteranomaly

26.9120, 0.4305, 0.3463

Tritanomaly

28.2241, 0.5078, 0.3186

Monochromacy



Original Color

28.3102, 0.4949, 0.3062

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.6016, 0.3760, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3102, 0.4949, 0.3062 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(250, 87, 112)` looks like.

```
.text, #text, p{  
  color:rgb(250, 87, 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(250, 87, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 87, 112) }
```

Border

The CSS property to change the border of an element to Yxy 28.3102, 0.4949, 0.3062 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(250, 87, 112) }
```

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

```
.border{ border-color:rgb(250, 87, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 87, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 87, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 87, 112);  
box-shadow:4px 4px 4px 4px rgb(250, 87,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3102, 0.4949, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 87, 112) }
```

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

```
.background{ background-color: rgb(250, 87,  
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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