

Converting Colors

$Y_{xy}(27.8392, 0.4790, 0.2890)$

Have a look what the booklet for
Yxy(27.8392, 0.4790, 0.2890)
contains.

| | |
|--|----|
| Yxy(27.8392, 0.4790, 0.2890) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(27.8392, 0.4790, 0.2890)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | FA527D |
| RGB | 250, 82, 125 |
| RGB Percent | 98%, 32%, 49% |
| CMY | 0.0196, 0.6784, 0.5097 |
| CMYK | 0.00, 0.67, 0.50, 0.02 |
| HSL | 345°, 94%, 65% |
| HSV | 345°, 67%, 98% |
| XYZ | 46.1418, 27.8392, 22.3484 |
| YIQ | 137.1340, 86.3250, 48.9890 |

Conversions

Conversions Part 2

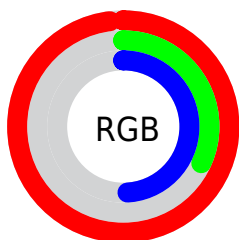
| Format | Color |
|-------------------------------------|--|
| RYB | 250, 82, 125 |
| Decimal | 16405117 |
| CIELab | 59.74, 66.49, 12.62 |
| CIELCh | 60, 67.673, 10.744 |
| Yxy | 27.8392, 0.4790, 0.2890 |
| Android (android.graphics.Color) | 4294595197 (0xFFFA527D) |
| YUV | 137.1340, -5.9821, 98.9835 |
| Hunter-Lab | 52.7629, 63.7655, 11.8209 |

Details

The Yxy color **27.8392, 0.4790, 0.2890** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **74.6652, 0.2516, 0.3840**, and the grayscale version is **25.0714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1905, 0.3941, 0.2907**, and **11.2272, 0.5342, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **24.2998, 0.5182, 0.2894**, and if you desaturate by 10%, it is **32.8432, 0.4417, 0.2920**.

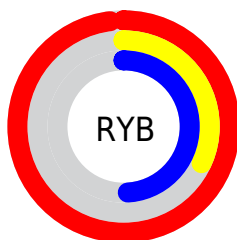
Distribution



Red (98%)

Green (32%)

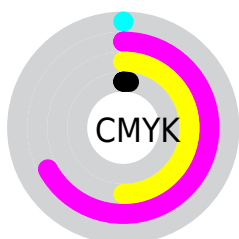
Blue (49%)



Red (98%)

Yellow (32%)

Blue (49%)

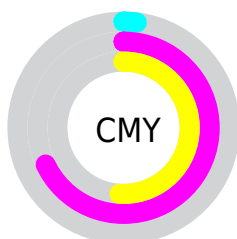


Cyan (0%)

Magenta (67%)

Yellow (50%)

Black (2%)



Cyan (2%)


Magenta (68%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8392, 0.4790, 0.2890 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 27.8392, 0.4790, 0.2890 by changing the saturation by 10% instead.


 27.8392, 0.4790,
0.2890


 27.8392, 0.4790,
0.2890


291.6978, 0.3889,
0.3133


 18.2045, 0.5034,
0.2815


 56.2276, 0.4447,
0.2989

 11.0969, 0.5358,
0.2709


 75.7501, 0.4323,
0.3023

 6.1320, 0.5800,
0.2552


 99.3373, 0.4220,
0.3050

 2.9255, 0.6431,
0.2306

 127.3736, 0.4132,
0.3073

 1.0930, 0.7541,
0.1940

160.2434, 0.4058,
0.3091

 0.0000, 1.0000,
0.0000

198.3311, 0.3994,

 0.0000, 0.0000,

0.3107


0.0000


242.0211, 0.3938,
0.3121

 27.8392, 0.4790,
0.2890


 27.8392, 0.4790,
0.2890

 24.2998, 0.5182,
0.2894


 32.8432, 0.4417,
0.2920


 22.0580, 0.5559,
0.2941


 39.4456, 0.4086,
0.2973


 20.9071, 0.5877,
0.3028


 47.7702, 0.3803,
0.3038

 20.6924, 0.5955,
0.3054

 57.9271, 0.3568,
0.3108

 70.0174, 0.3376,
0.3178

 84.1348, 0.3221,
0.3245

 99.0624, 0.3096,
0.3290

Harmonies

Analogous

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



27.8392, 0.3716, 0.2287



27.8392, 0.4790, 0.2890



27.8392, 0.5281, 0.3587

Triad

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



27.8392, 0.4790, 0.2890



27.8392, 0.3307, 0.5381



27.8392, 0.1433, 0.1864

Complementary

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



27.8392, 0.4790, 0.2890



74.6652, 0.2516, 0.3840

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.



27.8392, 0.1362, 0.2393



27.8392, 0.4790, 0.2890



27.8392, 0.2338, 0.4728

Square

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



27.8392, 0.4790, 0.2890



27.8392, 0.4280, 0.5068



27.8392, 0.1646, 0.3430



27.8392, 0.1834, 0.1722

Rectangle

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



27.8392, 0.4790, 0.2890



27.8392, 0.5185, 0.4084



27.8392, 0.1646, 0.3430



27.8392, 0.1373, 0.1991

Sweetspot

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



27.8408, 0.4790, 0.2890



69.4583, 0.3427, 0.3158



25.9463, 0.2766, 0.1577



14.0959, 0.3480, 0.3138



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.



27.8408, 0.4790, 0.2890



24.3568, 0.5333, 0.2907



34.6582, 0.5053, 0.3663



17.2981, 0.3254, 0.3229



10.9964, 0.5915, 0.3032



1.0349, 0.5582, 0.2849

Inverse Universe

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



27.8408, 0.4790, 0.2890



24.3568, 0.5333, 0.2907



55.1842, 0.2222, 0.2788



17.2981, 0.3254, 0.3229



10.9964, 0.5915, 0.3032



1.0349, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 27.8392, 0.4790, 0.2890 looks on a white background.

Color Contrast Check

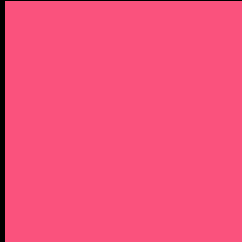
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8392, 0.4790, 0.2890 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 27.8392, 0.4790, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 27.8392, 0.4790, 0.2890.



This preview shows how white text looks on a background with the Yxy color 27.8392, 0.4790, 0.2890.

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

27.8392, 0.4790, 0.2890

Protanopia

27.9532, 0.2983, 0.3052

Deuteranopia

28.0744, 0.3694, 0.3627



Tritanopia

27.7441, 0.5167, 0.3242

Trichromacy



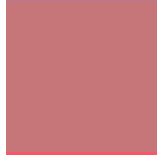
Original Color

27.8392, 0.4790, 0.2890



Protanomaly

25.6952, 0.3578, 0.2936



Deuteranomaly

26.3187, 0.4115, 0.3266



Tritanomaly

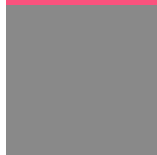
27.8152, 0.5043, 0.3121

Monochromacy



Original Color

27.8392, 0.4790, 0.2890



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.8810, 0.3707, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8392, 0.4790, 0.2890 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, 82, 125) looks like.

```
.text, #text, p{  
    color:rgb(250, 82, 125)  
}
```

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, 82, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 82, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.8392, 0.4790, 0.2890 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, 82, 125) }
```

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

```
.border{ border-color:rgb(250, 82, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 82, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 82, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 82, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 82,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8392, 0.4790, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 82, 125) }
```

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

```
.background{ background-color: rgb(250, 82,  
125) }
```

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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