

Converting Colors

$Y_{xy}(28.7681, 0.4864, 0.2924)$

Have a look what the booklet for
Yxy(28.7681, 0.4864, 0.2924)
contains.

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Color

Yxy(28.7246, 0.4865, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	FF527B
RGB	255, 82, 123
RGB Percent	100%, 32%, 48%
CMY	0.0001, 0.6783, 0.5177
CMYK	0.00, 0.68, 0.52, 0.00
HSL	346°, 100%, 66%
HSV	346°, 68%, 100%
XYZ	47.8252, 28.7246, 21.7548
YIQ	138.4010, 89.9470, 49.4270

Conversions

Conversions Part 2

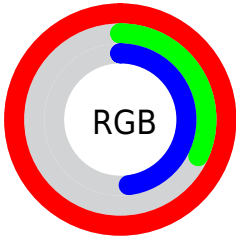
Format	Color
RYB	255, 82, 123
Decimal	16732795
CIELab	60.54, 67.78, 15.04
CIElCh	61, 69.432, 12.510
Yxy	28.7246, 0.4865, 0.2922
Android (android.graphics.Color)	4294922875 (0xFFFF527B)
YUV	138.4010, -7.5927, 102.2573
Hunter-Lab	53.5953, 65.4906, 13.4504

Details

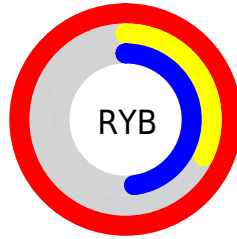
The Yxy color **28.7246, 0.4865, 0.2922** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **78.1586, 0.2499, 0.3802**, and the grayscale version is **25.5864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4049, 0.3959, 0.2938**, and **11.7145, 0.5423, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **25.1268, 0.5267, 0.2932**, and if you desaturate by 10%, it is **33.8504, 0.4479, 0.2946**.

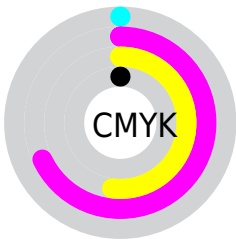
Distribution



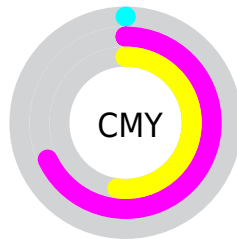
- Red (100%)
- Green (32%)
- Blue (48%)



- Red (100%)
- Yellow (32%)
- Blue (48%)



- Cyan (0%)
- Magenta (68%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7246, 0.4865, 0.2922 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 28.7246, 0.4865, 0.2922 by changing the saturation by 10% instead.


 28.7246, 0.4865,
0.2922


 28.7246, 0.4865,
0.2922


295.9133, 0.3927,
0.3152

 18.8726, 0.5117,
0.2849


 57.6392, 0.4510,
0.3017


 11.5782, 0.5447,
0.2745


 77.4707, 0.4381,
0.3050

 6.4572, 0.5896,
0.2590


 101.3973, 0.4273,
0.3075

 3.1250, 0.6527,
0.2346

 129.8036, 0.4182,
0.3096

 1.1973, 0.7645,
0.1991

163.0740, 0.4105,
0.3114

 0.0595, 0.9717,
0.0283

201.5928, 0.4038,

 0.0000, 1.0000,

0.3129

0.0000

245.7445, 0.3979,
0.3141


 0.0000, 0.0000,
0.0000


 28.7246, 0.4865,
0.2922


 28.7246, 0.4865,
0.2922


 25.1268, 0.5267,
0.2932


 33.8504, 0.4479,
0.2946


 22.8791, 0.5646,
0.2982

 40.6463, 0.4134,
0.2993


 21.7531, 0.5957,
0.3068

 49.2438, 0.3839,
0.3052

 21.5857, 0.6015,
0.3087

 59.7595, 0.3594,
0.3117

 72.3004, 0.3394,
0.3182

 86.9655, 0.3232,
0.3244

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



28.7246, 0.3794, 0.2306



28.7246, 0.4865, 0.2922



28.7246, 0.5315, 0.3628

Triad

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



28.7246, 0.4865, 0.2922



28.7246, 0.3243, 0.5406



28.7246, 0.1428, 0.1828

Complementary

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



28.7246, 0.4865, 0.2922



78.1586, 0.2499, 0.3802

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.



28.7246, 0.1338, 0.2334



28.7246, 0.4865, 0.2922



28.7246, 0.2273, 0.4684

Square

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



28.7246, 0.4865, 0.2922



28.7246, 0.4234, 0.5124



28.7246, 0.1599, 0.3354



28.7246, 0.1853, 0.1706

Rectangle

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



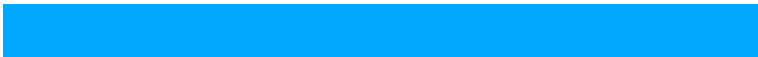
28.7246, 0.4865, 0.2922



28.7246, 0.5186, 0.4132



28.7246, 0.1599, 0.3354



28.7246, 0.1362, 0.1947

Sweetspot

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



28.7262, 0.4865, 0.2922



69.4073, 0.3434, 0.3168



27.2186, 0.2788, 0.1576



14.0838, 0.3489, 0.3150



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.



28.7262, 0.4865, 0.2922



24.2803, 0.5392, 0.2943



36.6029, 0.5056, 0.3692



18.0575, 0.3257, 0.3234



11.3004, 0.5976, 0.3066



1.1164, 0.5665, 0.2894

Inverse Universe

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



28.7262, 0.4865, 0.2922



24.2803, 0.5392, 0.2943



55.9732, 0.2206, 0.2744



18.0575, 0.3257, 0.3234



11.3004, 0.5976, 0.3066



1.1164, 0.5665, 0.2894

Previews

White Background



This preview shows how the Yxy color 28.7246, 0.4865, 0.2922 looks on a white background.

Color Contrast Check

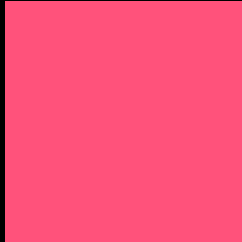
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7246, 0.4865, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

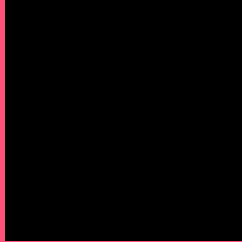
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7246, 0.4865, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 28.7246, 0.4865, 0.2922.



This preview shows how white text looks on a background with the Yxy color 28.7246, 0.4865, 0.2922.

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

28.7246, 0.4865, 0.2922

Protanopia

28.7621, 0.3032, 0.3117

Deuteranopia

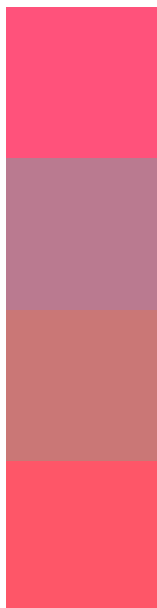
28.6519, 0.3746, 0.3667



Tritanopia

28.6524, 0.5219, 0.3253

Trichromacy



Original Color

28.7246, 0.4865, 0.2922

Protanomaly

26.3718, 0.3648, 0.2984

Deuteranomaly

27.0582, 0.4182, 0.3306

Tritanomaly

28.7259, 0.5098, 0.3136

Monochromacy



Original Color

28.7246, 0.4865, 0.2922

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4741, 0.3740, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7246, 0.4865, 0.2922 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(255, 82, 123)` looks like.

```
.text, #text, p{  
  color:rgb(255, 82, 123)  
}
```

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(255, 82, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.7246, 0.4865, 0.2922 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(255, 82, 123) }
```

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

```
.border{ border-color:rgb(255, 82, 123) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7246, 0.4865, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 123) }
```

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

```
.background{ background-color: rgb(255, 82,  
123) }
```

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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