

Converting Colors

$Y_{xy}(28.5578, 0.4840, 0.2888)$

Have a look what the booklet for
Yxy(28.5578, 0.4840, 0.2888)
contains.

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Color

Yxy(28.6255, 0.4841, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	FF517D
RGB	255, 81, 125
RGB Percent	100%, 32%, 49%
CMY	0.0000, 0.6823, 0.5098
CMYK	0.00, 0.68, 0.51, 0.00
HSL	345°, 100%, 66%
HSV	345°, 68%, 100%
XYZ	47.8839, 28.6255, 22.4039
YIQ	138.0420, 89.5800, 50.5720

Conversions

Conversions Part 2

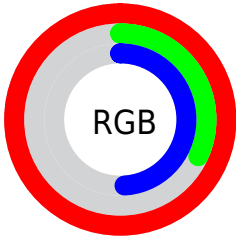
Format	Color
R_{YB}	255, 81, 125
Decimal	16732541
CIE _{Lab}	60.45, 68.33, 13.74
CIE _{LCh}	60, 69.694, 11.368
Yxy	28.6255, 0.4841, 0.2894
Android (android.graphics.Color)	4294922621 (0xFFFF517D)
YUV	138.0420, -6.4297, 102.5722
Hunter-Lab	53.5028, 66.1239, 12.6248

Details

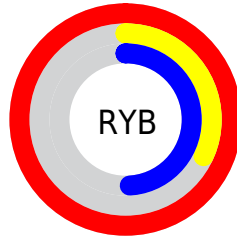
The Yxy color **28.6255, 0.4841, 0.2894** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **77.9727, 0.2509, 0.3843**, and the grayscale version is **25.4340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1905, 0.3941, 0.2907**, and **11.7423, 0.5381, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **25.0806, 0.5236, 0.2903**, and if you desaturate by 10%, it is **33.6889, 0.4463, 0.2920**.

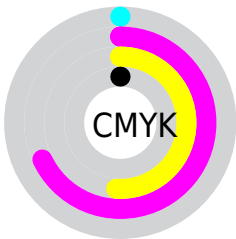
Distribution



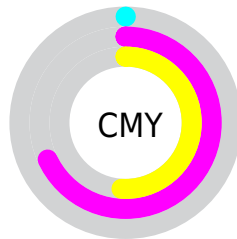
- Red (100%)
- Green (32%)
- Blue (49%)



- Red (100%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (68%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6255, 0.4841, 0.2894 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 28.6255, 0.4841, 0.2894 by changing the saturation by 10% instead.


 28.6255, 0.4841,
0.2894


 28.6255, 0.4841,
0.2894


295.4438, 0.3916,
0.3136


 18.7977, 0.5090,
0.2818


 57.4815, 0.4491,
0.2993

 11.5242, 0.5417,
0.2712


 77.2786, 0.4363,
0.3027

 6.4206, 0.5862,
0.2556


 101.1675, 0.4257,
0.3054

 3.1025, 0.6489,
0.2311

 129.5327, 0.4168,
0.3077

 1.1855, 0.7564,
0.1945

162.7585, 0.4091,
0.3095

 0.0498, 0.9763,
0.0237

201.2294, 0.4025,

 0.0000, 1.0000,

0.3111

0.0000

245.3297, 0.3967,
0.3125

■ 0.0000, 0.0000,
0.0000

■ 28.6255, 0.4841,
0.2894

■ 28.6255, 0.4841,
0.2894

■ 25.0806, 0.5236,
0.2903

■ 33.6889, 0.4463,
0.2920

■ 22.8754, 0.5609,
0.2955

■ 40.4136, 0.4124,
0.2970

■ 21.7732, 0.5919,
0.3045

■ 48.9312, 0.3834,
0.3034

■ 21.6353, 0.5967,
0.3061

■ 59.3585, 0.3593,
0.3102

■ 71.8026, 0.3396,
0.3172

 86.3626, 0.3236,
0.3238

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



28.6255, 0.3751, 0.2281



28.6255, 0.4841, 0.2894



28.6255, 0.5322, 0.3599

Triad

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



28.6255, 0.4841, 0.2894



28.6255, 0.3281, 0.5423



28.6255, 0.1413, 0.1834

Complementary

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



28.6255, 0.4841, 0.2894



77.9727, 0.2509, 0.3843

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.



28.6255, 0.1334, 0.2358



28.6255, 0.4841, 0.2894



28.6255, 0.2302, 0.4737

Square

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



28.6255, 0.4841, 0.2894



28.6255, 0.4272, 0.5107



28.6255, 0.1610, 0.3402



28.6255, 0.1825, 0.1699

Rectangle

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



28.6255, 0.4841, 0.2894



28.6255, 0.5210, 0.4103



28.6255, 0.1610, 0.3402



28.6255, 0.1351, 0.1958

Sweetspot

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



28.6271, 0.4841, 0.2894



69.4500, 0.3428, 0.3160



26.6039, 0.2758, 0.1555



14.0939, 0.3481, 0.3140



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.



28.6271, 0.4841, 0.2894



24.1026, 0.5381, 0.2918



35.6772, 0.5098, 0.3664



18.0624, 0.3254, 0.3230



11.3251, 0.5927, 0.3039



1.1194, 0.5611, 0.2865

Inverse Universe

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



28.6271, 0.4841, 0.2894



24.1026, 0.5381, 0.2918



57.2666, 0.2212, 0.2778



18.0624, 0.3254, 0.3230



11.3251, 0.5927, 0.3039



1.1194, 0.5611, 0.2865

Previews

White Background



This preview shows how the Yxy color 28.6255, 0.4841, 0.2894 looks on a white background.

Color Contrast Check

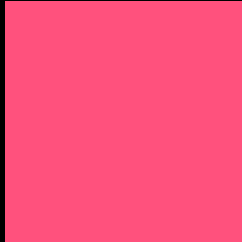
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6255, 0.4841, 0.2894 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 28.6255, 0.4841, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 28.6255, 0.4841, 0.2894.



This preview shows how white text looks on a background with the Yxy color 28.6255, 0.4841, 0.2894.

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

28.6255, 0.4841, 0.2894

Protanopia

28.7737, 0.2994, 0.3071

Deuteranopia

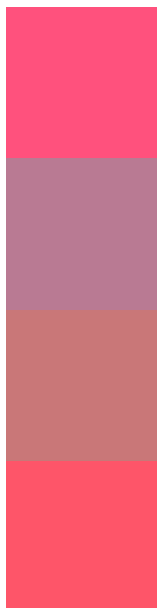
28.5866, 0.3712, 0.3639



Tritanopia

28.6524, 0.5219, 0.3253

Trichromacy



Original Color

28.6255, 0.4841, 0.2894

Protanomaly

26.3399, 0.3599, 0.2941

Deuteranomaly

26.9672, 0.4144, 0.3280

Tritanomaly

28.5878, 0.5091, 0.3118

Monochromacy



Original Color

28.6255, 0.4841, 0.2894

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.2398, 0.3744, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6255, 0.4841, 0.2894 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, 81, 125)` looks like.

```
.text, #text, p{  
  color:rgb(255, 81, 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(255, 81, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 125) }
```

Border

The CSS property to change the border of an element to Yxy 28.6255, 0.4841, 0.2894 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, 81, 125) }
```

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

```
.border{ border-color:rgb(255, 81, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 81, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
125) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 28.6255, 0.4841, 0.2894$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 125) }
```

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

```
.background{ background-color: rgb(255, 81,  
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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