

Converting Colors

$Y_{xy}(25.6469, 0.4894, 0.2696)$

Have a look what the booklet for
Yxy(25.6469, 0.4894, 0.2696)
contains.

Yxy(25.6469, 0.4894, 0.2696)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6469, 0.4894, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	FF3880
RGB	255, 56, 128
RGB Percent	100%, 22%, 50%
CMY	0.0000, 0.7805, 0.4980
CMYK	0.00, 0.78, 0.50, 0.00
HSL	338°, 100%, 61%
HSV	338°, 78%, 100%
XYZ	46.5564, 25.6469, 22.9262
YIQ	123.7090, 95.4920, 64.5800

Conversions

Conversions Part 2

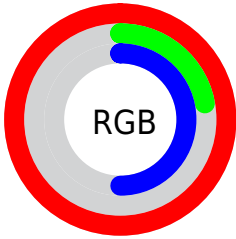
Format	Color
R_{YB}	255, 56, 128
Decimal	16726144
CIE _{Lab}	57.70, 76.47, 8.09
CIE _{LCh}	58, 76.892, 6.036
Yxy	25.6469, 0.4894, 0.2696
Android (android.graphics.Color)	4294916224 (0xFFFF3880)
YUV	123.7090, 2.1155, 115.1422
Hunter-Lab	50.6428, 75.4718, 8.6091

Details

The Yxy color **25.6469, 0.4894, 0.2696** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **75.7771, 0.2570, 0.4241**, and the grayscale version is **20.0187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2709, 0.3950, 0.2680**, and **11.7710, 0.5338, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **23.3772, 0.5224, 0.2737**, and if you desaturate by 10%, it is **29.2385, 0.4560, 0.2706**.

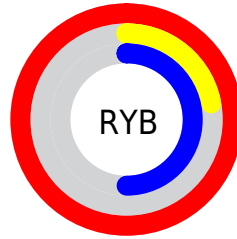
Distribution



Red (100%)

Green (22%)

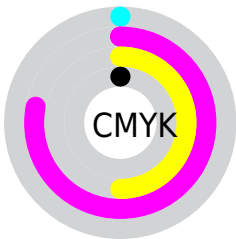
Blue (50%)



Red (100%)

Yellow (22%)

Blue (50%)

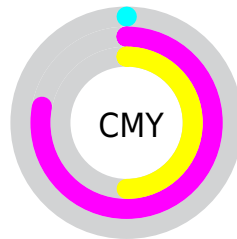


Cyan (0%)

Magenta (78%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6469, 0.4894, 0.2696 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 25.6469, 0.4894, 0.2696 by changing the saturation by 10% instead.


 25.6469, 0.4894,
0.2696


 25.6469, 0.4894,
0.2696


281.0444, 0.3931,
0.3038


 16.5597, 0.5157,
0.2596


 52.7048, 0.4527,
0.2831


 9.9211, 0.5504,
0.2460


 71.4442, 0.4394,
0.2878


 5.3466, 0.5982,
0.2264

 94.1698, 0.4284,
0.2917

 2.4521, 0.6661,
0.1971

 121.2660, 0.4191,
0.2949

 0.8525, 0.7810,
0.1536

 153.1171, 0.4111,
0.2977

 0.0000, 1.0000,
0.0000

190.1077, 0.4043,

 0.0000, 0.0000,

0.3000

0.0000

232.6220, 0.3984,
0.3020

■ 25.6469, 0.4894,
0.2696

■ 25.6469, 0.4894,
0.2696

■ 23.3772, 0.5224,
0.2737

■ 29.2385, 0.4560,
0.2706

■ 22.2031, 0.5524,
0.2827


■ 34.3282, 0.4246,
0.2756


■ 22.0381, 0.5580,
0.2847

■ 41.0596, 0.3966,
0.2833

■ 49.5604, 0.3725,
0.2925

■ 59.9456, 0.3523,
0.3024

 72.3205, 0.3356,
0.3123

 86.7825, 0.3219,
0.3218

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.6469, 0.3579, 0.2068



25.6469, 0.4894, 0.2696



25.6469, 0.5573, 0.3430

Triad

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



25.6469, 0.4894, 0.2696



25.6469, 0.3437, 0.5732



25.6469, 0.1207, 0.1732

Complementary

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



25.6469, 0.4894, 0.2696



75.7771, 0.2570, 0.4241

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.



25.6469, 0.1175, 0.2376



25.6469, 0.4894, 0.2696



25.6469, 0.2343, 0.5219

Square

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



25.6469, 0.4894, 0.2696



25.6469, 0.4515, 0.5132



25.6469, 0.1526, 0.3668



25.6469, 0.1577, 0.1539

Rectangle

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



25.6469, 0.4894, 0.2696



25.6469, 0.5507, 0.3960



25.6469, 0.1526, 0.3668



25.6469, 0.1159, 0.1886

Sweetspot

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



25.6452, 0.4894, 0.2696



65.9380, 0.3434, 0.3074



19.9942, 0.2498, 0.1288



13.1844, 0.3497, 0.3038



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.



25.6452, 0.4894, 0.2696



22.5709, 0.5408, 0.2786



27.6575, 0.5671, 0.3485



18.0957, 0.3237, 0.3204



11.5414, 0.5536, 0.2824



1.1438, 0.5224, 0.2651

Inverse Universe

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



25.6452, 0.4894, 0.2696



22.5709, 0.5408, 0.2786



63.8023, 0.2204, 0.2957



18.0957, 0.3237, 0.3204



11.5414, 0.5536, 0.2824



1.1438, 0.5224, 0.2651

Previews

White Background



This preview shows how the Yxy color 25.6469, 0.4894, 0.2696 looks on a white background.

Color Contrast Check

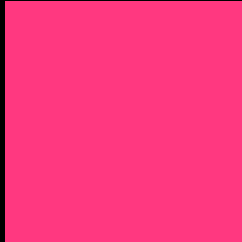
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6469, 0.4894, 0.2696 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 25.6469, 0.4894, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 25.6469, 0.4894, 0.2696.



This preview shows how white text looks on a background with the Yxy color 25.6469, 0.4894, 0.2696.

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

25.6469, 0.4894, 0.2696

Protanopia

26.0194, 0.2730, 0.2733

Deuteranopia

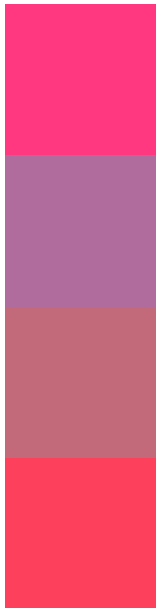
25.8318, 0.3608, 0.3545



Tritanopia

25.5568, 0.5579, 0.3275

Trichromacy



Original Color

25.6469, 0.4894, 0.2696

Protanomaly

22.3896, 0.3397, 0.2591

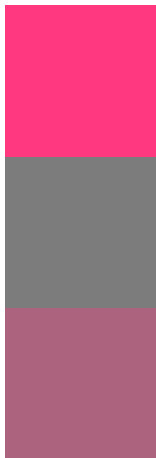
Deuteranomaly

23.3153, 0.4115, 0.3078

Tritanomaly

25.4536, 0.5362, 0.3076

Monochromacy



Original Color

25.6469, 0.4894, 0.2696

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.1750, 0.3807, 0.2900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6469, 0.4894, 0.2696 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, 56, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 128)  
}
```

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, 56, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 128) }
```

Border

The CSS property to change the border of an element to Yxy 25.6469, 0.4894, 0.2696 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, 56, 128) }
```

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

```
.border{ border-color:rgb(255, 56, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 56, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6469, 0.4894, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 128) }
```

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

```
.background{ background-color: rgb(255, 56,  
128) }
```

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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