

Converting Colors

$Y_{xy}(25.8959, 0.4753, 0.2609)$

Have a look what the booklet for
Yxy(25.8959, 0.4753, 0.2609)
contains.

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Color

Yxy(25.8945, 0.4753, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	FF3889
RGB	255, 56, 137
RGB Percent	100%, 22%, 54%
CMY	0.0000, 0.7804, 0.4627
CMYK	0.00, 0.78, 0.46, 0.00
HSL	336°, 100%, 61%
HSV	336°, 78%, 100%
XYZ	47.1738, 25.8945, 26.1823
YIQ	124.7350, 92.6030, 67.3790

Conversions

Conversions Part 2

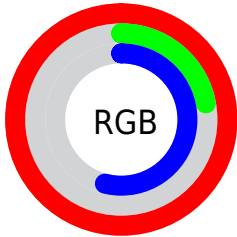
Format	Color
R_{YB}	255, 56, 137
Decimal	16726153
CIE _{Lab}	57.94, 77.18, 3.11
CIE _{LCh}	58, 77.244, 2.306
Yxy	25.8945, 0.4753, 0.2609
Android (android.graphics.Color)	4294916233 (0xFFFF3889)
YUV	124.7350, 6.0466, 114.2424
Hunter-Lab	50.8866, 76.4247, 5.1146

Details

The Yxy color **25.8945, 0.4753, 0.2609** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **75.4154, 0.2608, 0.4368**, and the grayscale version is **20.3676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8968, 0.3844, 0.2600**, and **11.9110, 0.5142, 0.2606** is the 20% darker color. If you saturate the color by 10%, you get **23.6158, 0.5059, 0.2642**, and if you desaturate by 10%, it is **29.4886, 0.4447, 0.2628**.

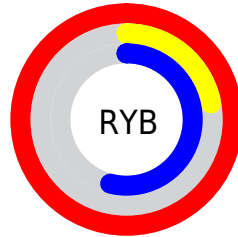
Distribution



Red (100%)

Green (22%)

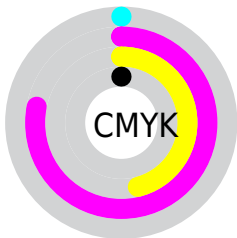
Blue (54%)



Red (100%)

Yellow (22%)

Blue (54%)

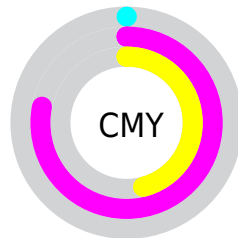


Cyan (0%)

Magenta (78%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (78%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8945, 0.4753, 0.2609 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 25.8945, 0.4753, 0.2609 by changing the saturation by 10% instead.


 25.8945, 0.4753,
0.2609


 25.8945, 0.4753,
0.2609


282.2638, 0.3872,
0.2985


 16.7447, 0.4993,
0.2504


 53.1047, 0.4417,
0.2754


 10.0527, 0.5311,
0.2364


 71.9339, 0.4296,
0.2806


 5.4339, 0.5749,
0.2169

 94.7584, 0.4195,
0.2848

 2.5040, 0.6378,
0.1882

 121.9626, 0.4110,
0.2884

 0.8786, 0.7338,
0.1445

 153.9308, 0.4037,
0.2915

 0.0000, 1.0000,
0.0000

191.0475, 0.3974,

 0.0000, 0.0000,

0.2942

0.0000

233.6970, 0.3920,
0.2964

■ 25.8945, 0.4753,
0.2609

■ 25.8945, 0.4753,
0.2609

■ 23.6158, 0.5059,
0.2642

■ 29.4886, 0.4447,
0.2628

■ 22.4250, 0.5344,
0.2727


■ 34.5716, 0.4160,
0.2688


■ 22.2558, 0.5397,
0.2747

■ 41.2872, 0.3903,
0.2777

■ 49.7624, 0.3682,
0.2881

■ 60.1117, 0.3495,
0.2992

 72.4400, 0.3340,
0.3102

 86.8440, 0.3213,
0.3209

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.



25.8945, 0.3410, 0.2002



25.8945, 0.4753, 0.2609



25.8945, 0.5543, 0.3334

Triad

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



25.8945, 0.4753, 0.2609



25.8945, 0.3575, 0.5703



25.8945, 0.1183, 0.1781

Complementary

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



25.8945, 0.4753, 0.2609



75.4154, 0.2608, 0.4368

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.



25.8945, 0.1193, 0.2497



25.8945, 0.4753, 0.2609



25.8945, 0.2470, 0.5364

Square

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



25.8945, 0.4753, 0.2609



25.8945, 0.4638, 0.5026



25.8945, 0.1601, 0.3870



25.8945, 0.1509, 0.1542

Rectangle

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



25.8945, 0.4753, 0.2609



25.8945, 0.5550, 0.3858



25.8945, 0.1601, 0.3870



25.8945, 0.1149, 0.1956

Sweetspot

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



25.8934, 0.4753, 0.2609



66.0773, 0.3414, 0.3048



18.8264, 0.2407, 0.1242



13.2178, 0.3471, 0.3008



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.



25.8934, 0.4753, 0.2609



22.7999, 0.5232, 0.2687



26.2542, 0.5752, 0.3408



18.1097, 0.3230, 0.3194



11.6569, 0.5355, 0.2724



1.1560, 0.5056, 0.2559

Inverse Universe

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



25.8934, 0.4753, 0.2609



22.7999, 0.5232, 0.2687



69.4517, 0.2237, 0.3084



18.1097, 0.3230, 0.3194



11.6569, 0.5355, 0.2724



1.1560, 0.5056, 0.2559

Previews

White Background



This preview shows how the Yxy color 25.8945, 0.4753, 0.2609 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 25.8945, 0.4753, 0.2609 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 25.8945, 0.4753, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 25.8945, 0.4753, 0.2609.



This preview shows how white text looks on a background with the Yxy color 25.8945, 0.4753, 0.2609.

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

25.8945, 0.4753, 0.2609

Protanopia

26.1918, 0.2599, 0.2559

Deuteranopia

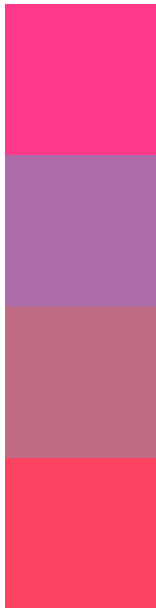
26.0284, 0.3467, 0.3419



Tritanopia

25.9823, 0.5523, 0.3274

Trichromacy



Original Color

25.8945, 0.4753, 0.2609

Protanomaly

22.5509, 0.3239, 0.2444

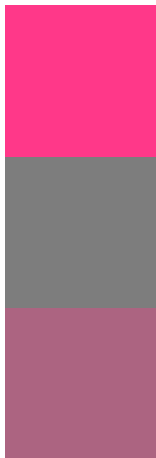
Deuteranomaly

23.2842, 0.3962, 0.2953

Tritanomaly

25.7788, 0.5281, 0.3045

Monochromacy



Original Color

25.8945, 0.4753, 0.2609

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.4700, 0.3745, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8945, 0.4753, 0.2609 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.8945, 0.4753, 0.2609 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, 137) }
```

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

```
.border{ border-color:rgb(255, 56, 137) }
```

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, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8945, 0.4753, 0.2609 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, 137) }
```

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

```
.background{ background-color: rgb(255, 56,  
137) }
```

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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