

Converting Colors

$Y_{xy}(25.4621, 0.4315, 0.2245)$

Have a look what the booklet for
Yxy(25.4621, 0.4315, 0.2245)
contains.

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Color

Yxy(25.4362, 0.4319, 0.2246)

Conversions

Conversions Part 1

Format	Color
Hex	FF26A7
RGB	255, 38, 167
RGB Percent	100%, 15%, 65%
CMY	0.0000, 0.8511, 0.3450
CMYK	0.00, 0.85, 0.35, 0.00
HSL	324°, 100%, 57%
HSV	324°, 85%, 100%
XYZ	48.9132, 25.4362, 38.9018
YIQ	117.5890, 87.9230, 86.1230

Conversions

Conversions Part 2

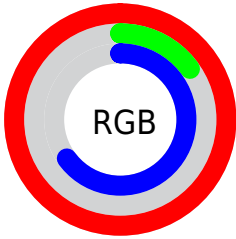
Format	Color
R _{YB}	255, 38, 167
Decimal	16721575
CIE _{Lab}	57.50, 83.88, -15.20
CIE _{LCh}	57, 85.245, 349.731
Yxy	25.4362, 0.4319, 0.2246
Android (android.graphics.Color)	4294911655 (0xFFFF26A7)
YUV	117.5890, 24.3596, 120.5094
Hunter-Lab	50.4343, 84.8562, -10.4284

Details

The Yxy color **25.4362, 0.4319, 0.2246** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **73.4366, 0.2771, 0.5046**, and the grayscale version is **17.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1223, 0.3509, 0.2221**, and **12.5753, 0.4562, 0.2287** is the 20% darker color. If you saturate the color by 10%, you get **23.9581, 0.4506, 0.2276**, and if you desaturate by 10%, it is **28.0562, 0.4128, 0.2270**.

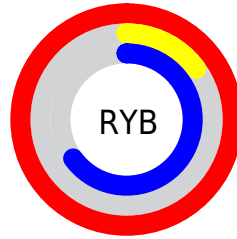
Distribution



Red (100%)

Green (15%)

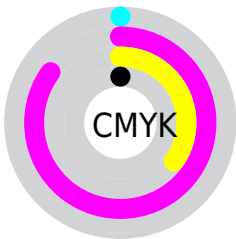
Blue (65%)



Red (100%)

Yellow (15%)

Blue (65%)

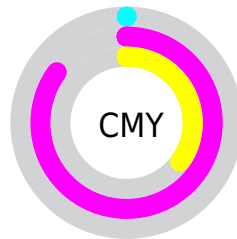


Cyan (0%)

Magenta (85%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4362, 0.4319, 0.2246 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 25.4362, 0.4319, 0.2246 by changing the saturation by 10% instead.


 25.4362, 0.4319,
0.2246


 25.4362, 0.4319,
0.2246


280.0033, 0.3693,
0.2773

 16.4023, 0.4483,
0.2115


 52.3640, 0.4085,
0.2437


 9.8093, 0.4698,
0.1949


 71.0267, 0.3999,
0.2509

 5.2727, 0.4990,
0.1731


 93.6678, 0.3927,
0.2570

 2.4081, 0.5404,
0.1439

 120.6717, 0.3866,
0.2622

 0.8301, 0.6026,
0.1036

 152.4229, 0.3814,
0.2668

 0.0000, 0.7413,
0.0000

189.3056, 0.3768,

 0.0000, 1.0000,

0.2707

0.0000

231.7043, 0.3728,
0.2742

■ 0.0000, 0.0000,
0.0000

■ 25.4362, 0.4319,
0.2246

■ 25.4362, 0.4319,
0.2246

■ 23.9581, 0.4506,
0.2276

■ 28.0562, 0.4128,
0.2270

■ 23.5149, 0.4595,
0.2305

■ 32.0178, 0.3942,
0.2344

■ 37.4801, 0.3768,
0.2455

■ 44.5802, 0.3610,
0.2594

■ 53.4398, 0.3471,
0.2747

64.1688, 0.3352,
0.2906

76.8683, 0.3250,
0.3063

91.6318, 0.3165,
0.3215

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.



25.4362, 0.2830, 0.1701



25.4362, 0.4319, 0.2246



25.4362, 0.5546, 0.2964

Triad

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



25.4362, 0.4319, 0.2246



25.4362, 0.4040, 0.5656



25.4362, 0.1009, 0.1884

Complementary

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



25.4362, 0.4319, 0.2246



73.4366, 0.2771, 0.5046

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.



25.4362, 0.1161, 0.2935



25.4362, 0.4319, 0.2246



25.4362, 0.2850, 0.5975

Square

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



25.4362, 0.4319, 0.2246



25.4362, 0.5121, 0.4682



25.4362, 0.1782, 0.4717



25.4362, 0.1203, 0.1467

Rectangle

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



25.4362, 0.4319, 0.2246



25.4362, 0.5817, 0.3481



25.4362, 0.1782, 0.4717



25.4362, 0.1018, 0.2147

Sweetspot

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



25.4353, 0.4319, 0.2246



63.1346, 0.3362, 0.2892



12.9481, 0.2001, 0.0954



12.6841, 0.3401, 0.2836



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.



25.4353, 0.4319, 0.2246



23.5149, 0.4595, 0.2305



22.9672, 0.5926, 0.3185



18.1684, 0.3201, 0.3150



12.3174, 0.4566, 0.2289



1.2210, 0.4369, 0.2180

Inverse Universe

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



25.4353, 0.4319, 0.2246



23.5149, 0.4595, 0.2305



77.8317, 0.2345, 0.3558



18.1684, 0.3201, 0.3150



12.3174, 0.4566, 0.2289



1.2210, 0.4369, 0.2180

Previews

White Background



This preview shows how the Yxy color 25.4362, 0.4319, 0.2246 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 25.4362, 0.4319, 0.2246 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 25.4362, 0.4319, 0.2246

Background



This preview shows how black text looks on a background with the Yxy color 25.4362, 0.4319, 0.2246.



This preview shows how white text looks on a background with the Yxy color 25.4362, 0.4319, 0.2246.

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

25.4362, 0.4319, 0.2246

Protanopia

25.8068, 0.2117, 0.1926

Deuteranopia

25.6575, 0.3013, 0.2954



Tritanopia

25.4266, 0.5504, 0.3274

Trichromacy



Original Color

25.4362, 0.4319, 0.2246



Protanomaly

20.7363, 0.2636, 0.1843



Deuteranomaly

21.8428, 0.3471, 0.2472



Tritanomaly

24.8451, 0.5138, 0.2891

Monochromacy



Original Color

25.4362, 0.4319, 0.2246



Achromatopsia

18.1164, 0.3127, 0.3290



Achromatomaly

17.2472, 0.3620, 0.2583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4362, 0.4319, 0.2246 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, 38, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 167)  
}
```

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, 38, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.4362, 0.4319, 0.2246 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, 38, 167) }
```

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

```
.border{ border-color:rgb(255, 38, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 38, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 38, 167); box-shadow:4px 4px 4px 4px rgb(255, 38, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4362, 0.4319, 0.2246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 167) }
```

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

```
.background{ background-color: rgb(255, 38,  
167) }
```

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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