

Converting Colors

$Y_{xy}(25.2189, 0.4419, 0.2306)$

Have a look what the booklet for
Yxy(25.2189, 0.4419, 0.2306)
contains.

Yxy(25.2194, 0.4412, 0.2301)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.2194, 0.4412, 0.2301)

Conversions

Conversions Part 1

Format	Color
Hex	FF26A1
RGB	255, 38, 161
RGB Percent	100%, 15%, 63%
CMY	0.0001, 0.8505, 0.3687
CMYK	0.00, 0.85, 0.37, 0.00
HSL	326°, 100%, 57%
HSV	326°, 85%, 100%
XYZ	48.3564, 25.2194, 36.0261
YIQ	116.9050, 89.8490, 84.2570

Conversions

Conversions Part 2

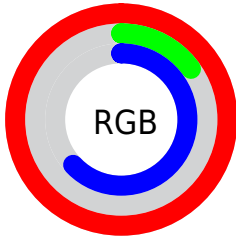
Format	Color
R _Y B	255, 38, 161
Decimal	16721569
CIE Lab	57.29, 83.26, -11.97
CIE LCh	57, 84.112, 351.818
Yxy	25.2194, 0.4412, 0.2301
Android (android.graphics.Color)	4294911649 (0xFFFF26A1)
YUV	116.9050, 21.7388, 121.1093
Hunter-Lab	50.2189, 83.9965, -7.3803

Details

The Yxy color **25.2194, 0.4412, 0.2301** 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 **73.5847, 0.2747, 0.4964**, and the grayscale version is **17.6881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8062, 0.3572, 0.2272**, and **12.4416, 0.4692, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **23.7323, 0.4616, 0.2337**, and if you desaturate by 10%, it is **27.8580, 0.4204, 0.2319**.

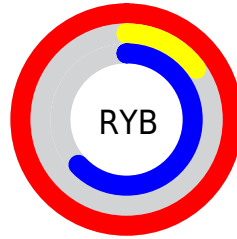
Distribution



Red (100%)

Green (15%)

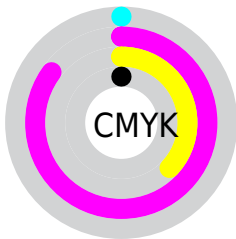
Blue (63%)



Red (100%)

Yellow (15%)

Blue (63%)

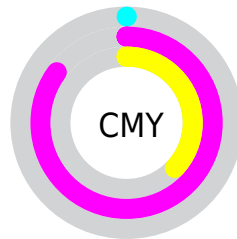


Cyan (0%)

Magenta (85%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2194, 0.4412, 0.2301 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 25.2194, 0.4412, 0.2301 by changing the saturation by 10% instead.


 25.2194, 0.4412,
0.2301


 25.2194, 0.4412,
0.2301


278.9288, 0.3731,
0.2807


 16.2406, 0.4593,
0.2173


 52.0129, 0.4156,
0.2486


 9.6946, 0.4831,
0.2010


 70.5964, 0.4062,
0.2556

 5.1969, 0.5156,
0.1793


 93.1503, 0.3984,
0.2614

 2.3633, 0.5621,
0.1499

 120.0589, 0.3918,
0.2664

 0.8069, 0.6326,
0.1084

 151.7067, 0.3861,
0.2707

 0.0000, 0.8054,
0.0000

188.4780, 0.3812,


 0.0000, 1.0000,


0.2744

0.0000


230.7572, 0.3769,
0.2777


 0.0000, 0.0000,
0.0000

 25.2194, 0.4412,
0.2301

 25.2194, 0.4412,
0.2301


 23.7323, 0.4616,
0.2337


 27.8580, 0.4204,
0.2319

 23.2819, 0.4715,
0.2371


 31.8407, 0.4001,
0.2387

 37.3288, 0.3812,
0.2493

 44.4594, 0.3642,
0.2626

 53.3543, 0.3493,
0.2772

 64.1234, 0.3365,
0.2924

 76.8678, 0.3257,
0.3075

 91.6812, 0.3167,
0.3220

99.9944, 0.3127,
0.3290

Harmonies

Analogous

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



25.2194, 0.2927, 0.1741



25.2194, 0.4412, 0.2301



25.2194, 0.5574, 0.3023

Triad

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



25.2194, 0.4412, 0.2301



25.2194, 0.3960, 0.5695



25.2194, 0.1026, 0.1851

Complementary

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



25.2194, 0.4412, 0.2301



73.5847, 0.2747, 0.4964

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.



25.2194, 0.1152, 0.2842



25.2194, 0.4412, 0.2301



25.2194, 0.2777, 0.5911

Square

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



25.2194, 0.4412, 0.2301



25.2194, 0.5046, 0.4749



25.2194, 0.1736, 0.4572



25.2194, 0.1242, 0.1467

Rectangle

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



25.2194, 0.4412, 0.2301



25.2194, 0.5795, 0.3542



25.2194, 0.1736, 0.4572



25.2194, 0.1027, 0.2098

Sweetspot

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



25.2208, 0.4412, 0.2301



63.0316, 0.3376, 0.2910



13.5249, 0.2056, 0.0984



12.6597, 0.3419, 0.2857



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.



25.2208, 0.4412, 0.2301



23.2880, 0.4715, 0.2371



22.9016, 0.5998, 0.3228



18.1595, 0.3205, 0.3156



12.1990, 0.4683, 0.2353



1.2097, 0.4468, 0.2235

Inverse Universe

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



25.2208, 0.4412, 0.2301



23.2880, 0.4715, 0.2371



78.2375, 0.2319, 0.3465



18.1595, 0.3205, 0.3156



12.1990, 0.4683, 0.2353



1.2097, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 25.2194, 0.4412, 0.2301 looks on a white background.

Color Contrast Check

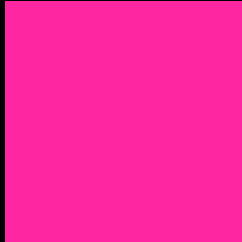
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2194, 0.4412, 0.2301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

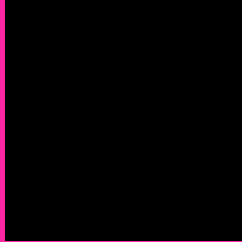
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2194, 0.4412, 0.2301

Background



This preview shows how black text looks on a background with the Yxy color 25.2194, 0.4412, 0.2301.



This preview shows how white text looks on a background with the Yxy color 25.2194, 0.4412, 0.2301.

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

25.2194, 0.4412, 0.2301

Protanopia

25.5933, 0.2177, 0.2010

Deuteranopia

25.3632, 0.3095, 0.3033



Tritanopia

25.1406, 0.5542, 0.3274

Trichromacy



Original Color

25.2194, 0.4412, 0.2301



Protanomaly

20.6005, 0.2716, 0.1916



Deuteranomaly

21.6959, 0.3577, 0.2541



Tritanomaly

24.6778, 0.5188, 0.2913

Monochromacy



Original Color

25.2194, 0.4412, 0.2301



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

16.8884, 0.3654, 0.2608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2194, 0.4412, 0.2301 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 161) }
```

Border

The CSS property to change the border of an element to Yxy 25.2194, 0.4412, 0.2301 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, 161) }
```

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

```
.border{ border-color:rgb(255, 38, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2194, 0.4412, 0.2301 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, 161) }
```

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

```
.background{ background-color: rgb(255, 38,  
161) }
```

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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