

Converting Colors

$Y_{xy}(25.0619, 0.4124, 0.2075)$

Have a look what the booklet for
Yxy(25.0619, 0.4124, 0.2075)
contains.

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Color

Yxy(25.0619, 0.4124, 0.2075)

Conversions

Conversions Part 1

Format	Color
Hex	FF13B5
RGB	255, 19, 181
RGB Percent	100%, 7%, 71%
CMY	0.0000, 0.9251, 0.2903
CMYK	0.00, 0.93, 0.29, 0.00
HSL	319°, 100%, 54%
HSV	319°, 93%, 100%
XYZ	49.8098, 25.0619, 45.9086
YIQ	108.0320, 88.6540, 100.4140

Conversions

Conversions Part 2

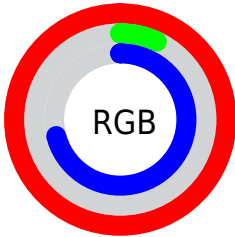
Format	Color
R _Y B	255, 19, 181
Decimal	16716725
CIE Lab	57.14, 87.87, -23.88
CIE LCh	57, 91.060, 344.800
Yxy	25.0619, 0.4124, 0.2075
Android (android.graphics.Color)	4294906805 (0xFFFF13B5)
YUV	108.0320, 35.9732, 128.8909
Hunter-Lab	50.0619, 89.9929, -19.3278

Details

The Yxy color **25.0619, 0.4124, 0.2075** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **72.4508, 0.2862, 0.5454**, and the grayscale version is **14.8990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6825, 0.3361, 0.2053**, and **12.8960, 0.4291, 0.2138** is the 20% darker color. If you saturate the color by 10%, you get **24.3537, 0.4222, 0.2100**, and if you desaturate by 10%, it is **26.7782, 0.3989, 0.2081**.

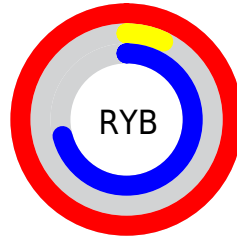
Distribution



Red (100%)

Green (7%)

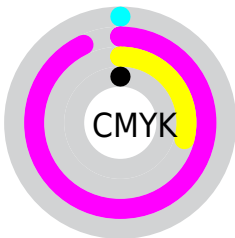
Blue (71%)



Red (100%)

Yellow (7%)

Blue (71%)

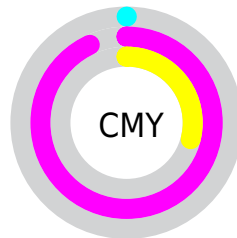


Cyan (0%)

Magenta (93%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (93%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0619, 0.4124, 0.2075 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 25.0619, 0.4124, 0.2075 by changing the saturation by 10% instead.


 25.0619, 0.4124,
0.2075


 25.0619, 0.4124,
0.2075


278.1461, 0.3615,
0.2671

 16.1232, 0.4253,
0.1933


 51.7576, 0.3937,
0.2288


 9.6114, 0.4418,
0.1755


 70.2834, 0.3868,
0.2369


 5.1420, 0.4637,
0.1528


 92.7737, 0.3809,
0.2438

 2.3308, 0.4939,
0.1233

 119.6128, 0.3759,
0.2497

 0.7900, 0.5376,
0.0846

 151.1853, 0.3715,
0.2549

 0.0000, 0.6260,
0.0000

187.8753, 0.3678,

 0.0000, 0.8698,

0.2595

0.0000

230.0675, 0.3644,
0.2635

■ 0.0000, 0.0000,
0.0000

■ 25.0619, 0.4124,
0.2075

■ 25.0619, 0.4124,
0.2075

■ 24.3537, 0.4222,
0.2100

■ 26.7782, 0.3989,
0.2081

■ 29.6814, 0.3852,
0.2137

■ 33.9577, 0.3718,
0.2239


■ 39.7597, 0.3592,
0.2377

■ 47.2198, 0.3477,
0.2539

 56.4558, 0.3374,
0.2715

 67.5749, 0.3284,
0.2896

 80.6757, 0.3207,
0.3075

 95.8499, 0.3142,
0.3248

Harmonies

Analogous

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



25.0619, 0.2579, 0.1557



25.0619, 0.4124, 0.2075



25.0619, 0.5558, 0.2793

Triad

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



25.0619, 0.4124, 0.2075



25.0619, 0.4232, 0.5604



25.0619, 0.0915, 0.1916

Complementary

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



25.0619, 0.4124, 0.2075



72.4508, 0.2862, 0.5454

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.



25.0619, 0.1124, 0.3159



25.0619, 0.4124, 0.2075



25.0619, 0.2989, 0.6225

Square

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



25.0619, 0.4124, 0.2075



25.0619, 0.5347, 0.4519



25.0619, 0.1841, 0.5164



25.0619, 0.1061, 0.1414

Rectangle

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



25.0619, 0.4124, 0.2075



25.0619, 0.5958, 0.3310



25.0619, 0.1841, 0.5164



25.0619, 0.0940, 0.2228

Sweetspot

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



25.0633, 0.4124, 0.2075



61.2349, 0.3332, 0.2797



9.8557, 0.1761, 0.0772



12.1270, 0.3372, 0.2719



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.



25.0633, 0.4124, 0.2075



24.3541, 0.4222, 0.2100



22.1252, 0.5913, 0.3081



18.1976, 0.3186, 0.3128



12.7537, 0.4201, 0.2088



1.2615, 0.4060, 0.2010

Inverse Universe

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



25.0633, 0.4124, 0.2075



24.3541, 0.4222, 0.2100



76.2033, 0.2426, 0.3901



18.1976, 0.3186, 0.3128



12.7537, 0.4201, 0.2088



1.2615, 0.4060, 0.2010

Previews

White Background



This preview shows how the Yxy color 25.0619, 0.4124, 0.2075 looks on a white background.

Color Contrast Check

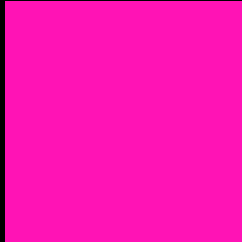
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0619, 0.4124, 0.2075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

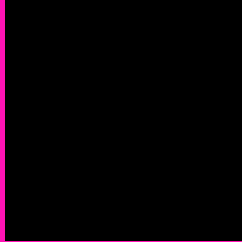
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0619, 0.4124, 0.2075

Background



This preview shows how black text looks on a background with the Yxy color 25.0619, 0.4124, 0.2075.



This preview shows how white text looks on a background with the Yxy color 25.0619, 0.4124, 0.2075.

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

25.0619, 0.4124, 0.2075

Protanopia

25.8067, 0.1927, 0.1682

Deuteranopia

25.3434, 0.2799, 0.2748



Tritanopia

25.2433, 0.5498, 0.3273

Trichromacy



Original Color

25.0619, 0.4124, 0.2075



Protanomaly

18.9184, 0.2338, 0.1535



Deuteranomaly

20.4295, 0.3253, 0.2212



Tritanomaly

24.2703, 0.5089, 0.2801

Monochromacy



Original Color

25.0619, 0.4124, 0.2075



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.4952, 0.3566, 0.2387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0619, 0.4124, 0.2075 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, 19, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 19, 181)  
}
```

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, 19, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 19, 181) }
```

Border

The CSS property to change the border of an element to Yxy 25.0619, 0.4124, 0.2075 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, 19, 181) }
```

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

```
.border{ border-color:rgb(255, 19, 181) }
```

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

Here you see how a box with a 4 pixel rgb(255, 19, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 19, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 19, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 19,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0619, 0.4124, 0.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 19, 181) }
```

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

```
.background{ background-color: rgb(255, 19,  
181) }
```

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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