

Converting Colors

$Y_{xy}(25.1276, 0.4165, 0.2110)$

Have a look what the booklet for
Yxy(25.1276, 0.4165, 0.2110)
contains.

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Color

Yxy(25.1276, 0.4165, 0.2110)

Conversions

Conversions Part 1

Format	Color
Hex	FF18B2
RGB	255, 24, 178
RGB Percent	100%, 9%, 70%
CMY	0.0000, 0.9056, 0.3019
CMYK	0.00, 0.91, 0.30, 0.00
HSL	320°, 100%, 55%
HSV	320°, 91%, 100%
XYZ	49.6002, 25.1276, 44.3603
YIQ	110.6250, 88.2420, 96.8660

Conversions

Conversions Part 2

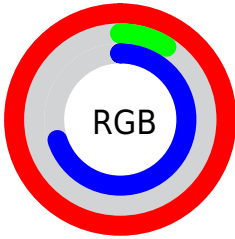
Format	Color
R_{YB}	255, 24, 178
Decimal	16718002
CIE _{Lab}	57.20, 87.03, -22.06
CIE _{LCh}	57, 89.786, 345.777
Yxy	25.1276, 0.4165, 0.2110
Android (android.graphics.Color)	4294908082 (0xFFFF18B2)
YUV	110.6250, 33.2159, 126.6169
Hunter-Lab	50.1274, 88.8996, -17.3796

Details

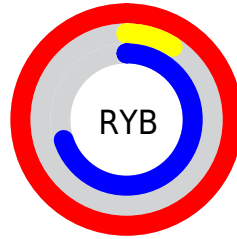
The Yxy color **25.1276, 0.4165, 0.2110** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **72.6487, 0.2841, 0.5363**, and the grayscale version is **15.6776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7159, 0.3390, 0.2084**, and **12.8181, 0.4352, 0.2171** is the 20% darker color. If you saturate the color by 10%, you get **24.1596, 0.4300, 0.2142**, and if you desaturate by 10%, it is **27.0697, 0.4018, 0.2121**.

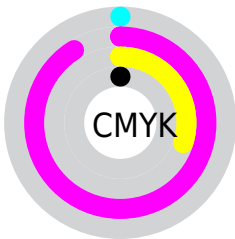
Distribution



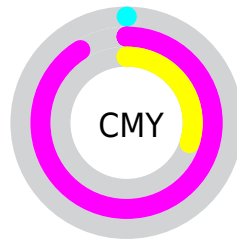
- Red (100%)
- Green (9%)
- Blue (70%)



- Red (100%)
- Yellow (9%)
- Blue (70%)



- Cyan (0%)
- Magenta (91%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1276, 0.4165, 0.2110 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 25.1276, 0.4165, 0.2110 by changing the saturation by 10% instead.


 25.1276, 0.4165,
0.2110


 25.1276, 0.4165,
0.2110


278.4728, 0.3631,
0.2692


 16.1721, 0.4301,
0.1970


 51.8642, 0.3968,
0.2318


 9.6461, 0.4477,
0.1794


 70.4140, 0.3895,
0.2398

 5.1649, 0.4711,
0.1569


 92.9309, 0.3834,
0.2465

 2.3443, 0.5037,
0.1274

 119.7990, 0.3781,
0.2523

 0.7970, 0.5512,
0.0883

 151.4029, 0.3736,
0.2574

 0.0000, 0.6492,
0.0000

188.1269, 0.3697,


 0.0000, 1.0000,


0.2618


0.0000

230.3554, 0.3662,
0.2657


 0.0000, 0.0000,
0.0000


 25.1276, 0.4165,
0.2110


 25.1276, 0.4165,
0.2110


 24.1596, 0.4300,
0.2142

 27.0697, 0.4018,
0.2121

 30.2404, 0.3871,
0.2183

 34.8183, 0.3728,
0.2290

 40.9514, 0.3595,
0.2430

 48.7690, 0.3474,
0.2592

■ 58.3866, 0.3368,
0.2765

■ 69.9095, 0.3276,
0.2942

■ 83.4351, 0.3197,
0.3115

99.0537, 0.3131,
0.3281

Harmonies

Analogous

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



25.1276, 0.2630, 0.1586



25.1276, 0.4165, 0.2110



25.1276, 0.5556, 0.2828

Triad

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



25.1276, 0.4165, 0.2110



25.1276, 0.4193, 0.5616



25.1276, 0.0935, 0.1910

Complementary

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



25.1276, 0.4165, 0.2110



72.6487, 0.2841, 0.5363

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.



25.1276, 0.1132, 0.3111



25.1276, 0.4165, 0.2110



25.1276, 0.2962, 0.6178

Square

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



25.1276, 0.4165, 0.2110



25.1276, 0.5300, 0.4553



25.1276, 0.1830, 0.5069



25.1276, 0.1090, 0.1425

Rectangle

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



25.1276, 0.4165, 0.2110



25.1276, 0.5929, 0.3345



25.1276, 0.1830, 0.5069



25.1276, 0.0956, 0.2211

Sweetspot

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



25.1290, 0.4165, 0.2110



62.2700, 0.3333, 0.2828



10.6449, 0.1830, 0.0820



12.5310, 0.3366, 0.2768



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.



25.1290, 0.4165, 0.2110



24.1620, 0.4300, 0.2142



22.2682, 0.5944, 0.3118



18.1914, 0.3189, 0.3133



12.6540, 0.4277, 0.2130



1.2524, 0.4123, 0.2045

Inverse Universe

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



25.1290, 0.4165, 0.2110



24.1620, 0.4300, 0.2142



76.6921, 0.2396, 0.3781



18.1914, 0.3189, 0.3133



12.6540, 0.4277, 0.2130



1.2524, 0.4123, 0.2045

Previews

White Background



This preview shows how the Yxy color 25.1276, 0.4165, 0.2110 looks on a white background.

Color Contrast Check

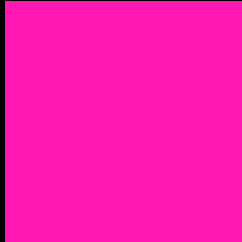
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1276, 0.4165, 0.2110 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 25.1276, 0.4165, 0.2110

Background



This preview shows how black text looks on a background with the Yxy color 25.1276, 0.4165, 0.2110.



This preview shows how white text looks on a background with the Yxy color 25.1276, 0.4165, 0.2110.

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

25.1276, 0.4165, 0.2110

Protanopia

25.7207, 0.1954, 0.1719

Deuteranopia

25.3995, 0.2846, 0.2795



Tritanopia

25.2433, 0.5498, 0.3273

Trichromacy



Original Color

25.1276, 0.4165, 0.2110



Protanomaly

19.3165, 0.2393, 0.1596



Deuteranomaly

20.7900, 0.3300, 0.2274



Tritanomaly

24.4339, 0.5097, 0.2822

Monochromacy



Original Color

25.1276, 0.4165, 0.2110



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

15.1278, 0.3589, 0.2437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1276, 0.4165, 0.2110 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, 24, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 178)  
}
```

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, 24, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 178) }
```

Border

The CSS property to change the border of an element to Yxy 25.1276, 0.4165, 0.2110 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, 24, 178) }
```

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

```
.border{ border-color:rgb(255, 24, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 24, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1276, 0.4165, 0.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 178) }
```

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

```
.background{ background-color: rgb(255, 24,  
178) }
```

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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