

Converting Colors

$Y_{xy}(26.1637, 0.4407, 0.2365)$

Have a look what the booklet for
Yxy(26.1637, 0.4407, 0.2365)
contains.

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Color

Yxy(26.1657, 0.4407, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	FF33A0
RGB	255, 51, 160
RGB Percent	100%, 20%, 63%
CMY	0.0000, 0.8002, 0.3725
CMYK	0.00, 0.80, 0.37, 0.00
HSL	328°, 100%, 60%
HSV	328°, 80%, 100%
XYZ	48.7784, 26.1657, 35.7399
YIQ	124.4220, 86.5950, 77.1470

Conversions

Conversions Part 2

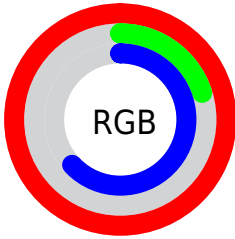
Format	Color
R _Y B	255, 51, 160
Decimal	16724896
CIE Lab	58.19, 80.51, -10.04
CIE LCh	58, 81.135, 352.891
Yxy	26.1657, 0.4407, 0.2364
Android (android.graphics.Color)	4294914976 (0xFFFF33A0)
YUV	124.4220, 17.5400, 114.5169
Hunter-Lab	51.1524, 80.6991, -5.6188

Details

The Yxy color **26.1657, 0.4407, 0.2364** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **74.2956, 0.2714, 0.4766**, and the grayscale version is **20.2105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3599, 0.3574, 0.2340**, and **12.4416, 0.4692, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **24.1167, 0.4634, 0.2380**, and if you desaturate by 10%, it is **29.4638, 0.4180, 0.2401**.

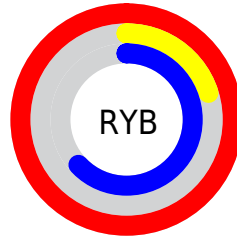
Distribution



Red (100%)

Green (20%)

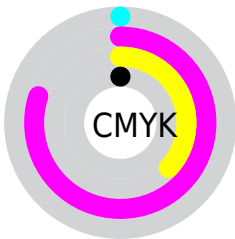
Blue (63%)



Red (100%)

Yellow (20%)

Blue (63%)

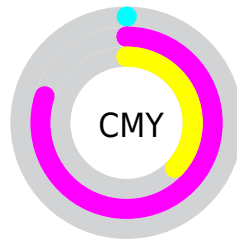


Cyan (0%)

Magenta (80%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1657, 0.4407, 0.2364 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 26.1657, 0.4407, 0.2364 by changing the saturation by 10% instead.


 26.1657, 0.4407,
0.2364


 26.1657, 0.4407,
0.2364


283.5945, 0.3728,
0.2839


 16.9476, 0.4587,
0.2243


 53.5421, 0.4152,
0.2539

 10.1972, 0.4825,
0.2088

 72.4693, 0.4059,
0.2604


 5.5299, 0.5149,
0.1881


 95.4016, 0.3981,
0.2659

 2.5614, 0.5614,
0.1598

 122.7235, 0.3915,
0.2705

 0.9073, 0.6320,
0.1195

 154.8194, 0.3858,
0.2746

 0.0000, 0.8170,
0.0000

192.0736, 0.3809,

 0.0000, 1.0000,

0.2781

0.0000

234.8705, 0.3766,
0.2812

■ 0.0000, 0.0000,
0.0000

■ 26.1657, 0.4407,
0.2364

■ 26.1657, 0.4407,
0.2364

■ 24.1167, 0.4634,
0.2380

■ 29.4638, 0.4180,
0.2401

■ 23.0459, 0.4852,
0.2447

■ 34.2015, 0.3965,
0.2483

■ 40.5213, 0.3769,
0.2597

■ 48.5525, 0.3596,
0.2730

■ 58.4104, 0.3447,
0.2873

70.2007, 0.3320,
0.3016

84.0208, 0.3215,
0.3157

99.9612, 0.3127,
0.3290

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.



26.1657, 0.2987, 0.1808



26.1657, 0.4407, 0.2364



26.1657, 0.5491, 0.3077

Triad

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



26.1657, 0.4407, 0.2364



26.1657, 0.3923, 0.5637



26.1657, 0.1090, 0.1889

Complementary

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



26.1657, 0.4407, 0.2364



74.2956, 0.2714, 0.4766

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.



26.1657, 0.1209, 0.2827



26.1657, 0.4407, 0.2364



26.1657, 0.2775, 0.5752

Square

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



26.1657, 0.4407, 0.2364



26.1657, 0.4970, 0.4766



26.1657, 0.1770, 0.4444



26.1657, 0.1314, 0.1521

Rectangle

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



26.1657, 0.4407, 0.2364



26.1657, 0.5692, 0.3591



26.1657, 0.1770, 0.4444



26.1657, 0.1089, 0.2124

Sweetspot

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



26.1609, 0.4407, 0.2364



65.2736, 0.3368, 0.2959



15.4015, 0.2151, 0.1085



13.0838, 0.3413, 0.2908



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.



26.1609, 0.4407, 0.2364



23.4057, 0.4765, 0.2416



23.9611, 0.5846, 0.3238



18.1494, 0.3210, 0.3164



12.0725, 0.4818, 0.2428



1.1975, 0.4584, 0.2299

Inverse Universe

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



26.1609, 0.4407, 0.2364



23.4057, 0.4765, 0.2416



78.8025, 0.2319, 0.3412



18.1494, 0.3210, 0.3164



12.0725, 0.4818, 0.2428



1.1975, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 26.1657, 0.4407, 0.2364 looks on a white background.

Color Contrast Check

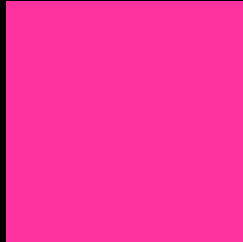
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1657, 0.4407, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

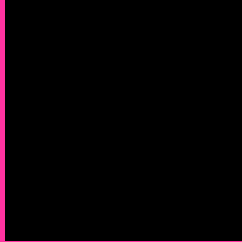
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1657, 0.4407, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 26.1657, 0.4407, 0.2364.



This preview shows how white text looks on a background with the Yxy color 26.1657, 0.4407, 0.2364.

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

26.1657, 0.4407, 0.2364

Protanopia

26.5662, 0.2271, 0.2142

Deuteranopia

26.1999, 0.3127, 0.3068



Tritanopia

26.2109, 0.5435, 0.3273

Trichromacy



Original Color

26.1657, 0.4407, 0.2364



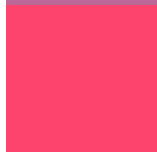
Protanomaly

22.0801, 0.2819, 0.2060



Deuteranomaly

23.1276, 0.3589, 0.2625



Tritanomaly

25.9338, 0.5110, 0.2947

Monochromacy



Original Color

26.1657, 0.4407, 0.2364



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

19.1262, 0.3638, 0.2697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1657, 0.4407, 0.2364 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, 51, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 160)  
}
```

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, 51, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 160) }
```

Border

The CSS property to change the border of an element to Yxy 26.1657, 0.4407, 0.2364 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, 51, 160) }
```

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

```
.border{ border-color:rgb(255, 51, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1657, 0.4407, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 160) }
```

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

```
.background{ background-color: rgb(255, 51,  
160) }
```

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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