

Converting Colors

Yxy(53.3162, 0.3686, 0.2208)

Have a look what the booklet for
Yxy(53.3162, 0.3686, 0.2208)
contains.

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Color

Yxy(41.1383, 0.3196, 0.2008)

Conversions

Conversions Part 1

Format	Color
Hex	FF75FE
RGB	255, 117, 254
RGB Percent	100%, 46%, 100%
CMY	0.0002, 0.5410, 0.0039
CMYK	0.00, 0.54, 0.00, 0.00
HSL	300°, 100%, 73%
HSV	300°, 54%, 100%
XYZ	65.4771, 41.1383, 98.2566
YIQ	173.8800, 38.2710, 71.8630

Conversions

Conversions Part 2

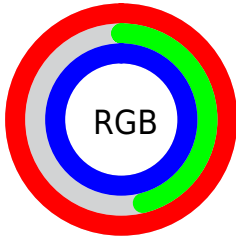
Format	Color
R_{YB}	255, 117, 254
Decimal	16741886
CIE _{Lab}	70.27, 69.73, -44.52
CIE _{LCh}	70, 82.729, 327.440
Yxy	41.1383, 0.3196, 0.2008
Android (android.graphics.Color)	4294931966 (0xFFFF75FE)
YUV	173.8800, 39.4992, 71.1422
Hunter-Lab	64.1391, 69.9800, -45.9307

Details

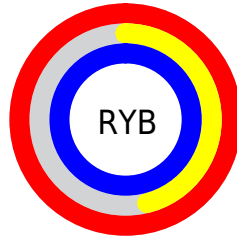
The Yxy color **41.1383, 0.3196, 0.2008** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **76.5820, 0.3041, 0.5025**, and the grayscale version is **42.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7521, 0.3164, 0.2498**, and **18.6594, 0.3175, 0.1738** is the 20% darker color. If you saturate the color by 10%, you get **35.9723, 0.3206, 0.1834**, and if you desaturate by 10%, it is **47.9256, 0.3184, 0.2215**.

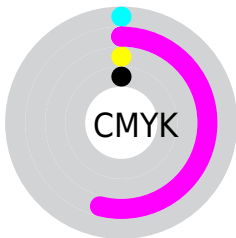
Distribution



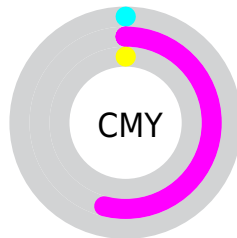
- Red (100%)
- Green (46%)
- Blue (100%)



- Red (100%)
- Yellow (46%)
- Blue (100%)



- Cyan (0%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1383, 0.3196, 0.2008 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 41.1383, 0.3196, 0.2008 by changing the saturation by 10% instead.

 41.1383, 0.3196,
0.2008


 41.1383, 0.3196,
0.2008


350.8983, 0.3190,
0.2579


 28.4272, 0.3191,
0.1885


 76.8938, 0.3199,
0.2200

 18.6479, 0.3182,
0.1738


 100.7069, 0.3199,
0.2277

 11.4161, 0.3165,
0.1560


 128.9895, 0.3198,
0.2343

 6.3475, 0.3134,
0.1341

162.1260, 0.3196,
0.2402

 3.0575, 0.3078,
0.1071

200.5007, 0.3195,
0.2454

 1.1618, 0.2970,
0.0741

244.4981, 0.3193,

 0.0302, 0.2844,

0.2500

0.0041

294.5025, 0.3191,
0.2541

0.0000, 0.2273,
0.0000

0.0000, 0.0000,
0.0000

41.1383, 0.3196,
0.2008

41.1383, 0.3196,
0.2008

35.9723, 0.3206,
0.1834

47.9256, 0.3184,
0.2215

32.2872, 0.3215,
0.1701


56.4481, 0.3172,
0.2447


29.9287, 0.3221,
0.1612

66.8161, 0.3158,
0.2692

28.7053, 0.3225,
0.1565

79.1290, 0.3145,
0.2943

 28.3551, 0.3227,
0.1551

 93.4793, 0.3132,
0.3191

99.9908, 0.3127,
0.3290

Harmonies

Analogous

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



41.1383, 0.2158, 0.1694



41.1383, 0.3196, 0.2008



41.1383, 0.4441, 0.2559

Triad

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



41.1383, 0.3196, 0.2008



41.1383, 0.4719, 0.4820



41.1383, 0.1346, 0.2740

Complementary

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



41.1383, 0.3196, 0.2008



76.5820, 0.3041, 0.5025

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.



41.1383, 0.1820, 0.4070



41.1383, 0.3196, 0.2008



41.1383, 0.3758, 0.5469

Square

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



41.1383, 0.3196, 0.2008



41.1383, 0.5343, 0.4004



41.1383, 0.2705, 0.5307



41.1383, 0.1272, 0.1961

Rectangle

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



41.1383, 0.3196, 0.2008



41.1383, 0.5095, 0.3009



41.1383, 0.2705, 0.5307



41.1383, 0.1455, 0.3131

Sweetspot

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



41.1402, 0.3196, 0.2008



76.6564, 0.3148, 0.2895



23.7355, 0.2076, 0.1552



15.8468, 0.3150, 0.2843



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.



41.1402, 0.3196, 0.2008



35.5932, 0.3207, 0.1821



37.5294, 0.3901, 0.2594



18.2981, 0.3139, 0.3057



14.8236, 0.3226, 0.1551



1.4440, 0.3224, 0.1550

Inverse Universe

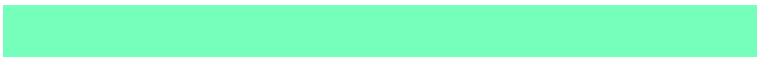
The Inverse Universe completely reimagines the original color for something new.



41.1402, 0.3196, 0.2008



35.5932, 0.3207, 0.1821



78.8192, 0.2739, 0.4155



18.2981, 0.3139, 0.3057



14.8236, 0.3226, 0.1551



1.4440, 0.3224, 0.1550

Previews

White Background



This preview shows how the Yxy color 41.1383, 0.3196, 0.2008 looks on a white background.

Color Contrast Check

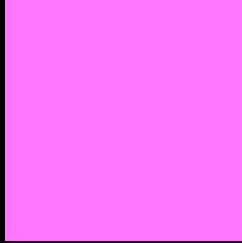
Large Text (above 18pt) WCAG AA × Fail

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 41.1383, 0.3196, 0.2008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

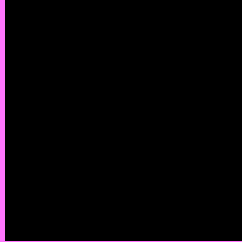
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1383, 0.3196, 0.2008

Background



This preview shows how black text looks on a background with the Yxy color 41.1383, 0.3196, 0.2008.



This preview shows how white text looks on a background with the Yxy color 41.1383, 0.3196, 0.2008.

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

41.1383, 0.3196, 0.2008

Protanopia

41.7202, 0.2347, 0.2247

Deuteranopia

41.3618, 0.2416, 0.2350



Tritanopia

40.9995, 0.4078, 0.3183

Trichromacy



Original Color

41.1383, 0.3196, 0.2008



Protanomaly

39.4205, 0.2591, 0.2100



Deuteranomaly

39.2248, 0.2652, 0.2166



Tritanomaly

40.5421, 0.3738, 0.2697

Monochromacy



Original Color

41.1383, 0.3196, 0.2008



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

39.7908, 0.3156, 0.2683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1383, 0.3196, 0.2008 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, 117, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 254)  
}
```

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, 117, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 254) }
```

Border

The CSS property to change the border of an element to Yxy 41.1383, 0.3196, 0.2008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

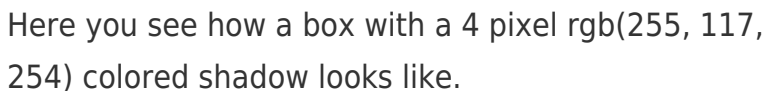
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 117, 254) }
```

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

```
.border{ border-color:rgb(255, 117, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 117, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1383, 0.3196, 0.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 254) }
```

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

```
.background{ background-color: rgb(255,  
117, 254) }
```

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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