

Converting Colors

Yxy(25.4525, 0.3417, 0.1656)

Have a look what the booklet for
Yxy(25.4525, 0.3417, 0.1656)
contains.

Yxy(25.3756, 0.3416, 0.1656)	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(25.3756, 0.3416, 0.1656)

Conversions

Conversions Part 1

Format	Color
Hex	F701E4
RGB	247, 1, 228
RGB Percent	97%, 0%, 89%
CMY	0.0316, 0.9979, 0.1060
CMYK	0.00, 1.00, 0.08, 0.03
HSL	305°, 100%, 49%
HSV	305°, 100%, 97%
XYZ	52.3448, 25.3756, 75.5139
YIQ	100.4320, 73.7490, 122.7490

Conversions

Conversions Part 2

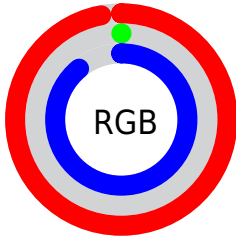
Format	Color
R_{YB}	247, 1, 228
Decimal	16187876
CIE _{Lab}	57.44, 93.29, -50.41
CIE _{LCh}	57, 106.040, 331.614
Yxy	25.3756, 0.3416, 0.1656
Android (android.graphics.Color)	4294377956 (0xFFFF701E4)
YUV	100.4320, 62.8910, 128.5401
Hunter-Lab	50.3742, 97.3281, -53.6172

Details

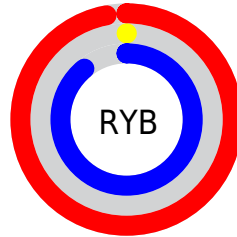
The Yxy color **25.3756, 0.3416, 0.1656** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **66.5445, 0.2989, 0.5960**, and the grayscale version is **12.6053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1805, 0.3192, 0.1900**, and **13.4177, 0.3408, 0.1651** is the 20% darker color. If you saturate the color by 10%, you get **25.3627, 0.3417, 0.1656**, and if you desaturate by 10%, it is **26.1768, 0.3391, 0.1676**.

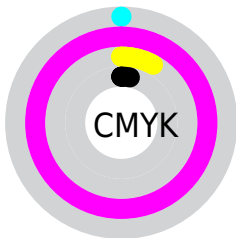
Distribution



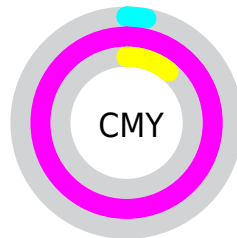
- Red (97%)
- Green (0%)
- Blue (89%)



- Red (97%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (3%)




- Cyan (3%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3756, 0.3416, 0.1656 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 25.3756, 0.3416, 0.1656 by changing the saturation by 10% instead.

 25.3756, 0.3416,
0.1656


 25.3756, 0.3416,
0.1656


279.7033, 0.3315,
0.2401


 16.3571, 0.3429,
0.1495


 52.2659, 0.3389,
0.1908


 9.7772, 0.3438,
0.1304


 70.9065, 0.3376,
0.2009

 5.2515, 0.3439,
0.1076


 93.5233, 0.3364,
0.2096

 2.3956, 0.3421,
0.0805

 120.5006, 0.3352,
0.2172

 0.8236, 0.3361,
0.0496

 152.2229, 0.3342,
0.2240

 0.0000, 0.3265,
0.0000

189.0745, 0.3332,


 0.0000, 0.2830,


0.2300

0.0000

231.4398, 0.3323,
0.2353

 0.0000, 0.0000,
0.0000


 25.3756, 0.3416,
0.1656


 25.3756, 0.3416,
0.1656


 25.3627, 0.3417,
0.1656

 26.1768, 0.3391,
0.1676

 27.8542, 0.3364,
0.1735

 30.6691, 0.3334,
0.1838

 34.7821, 0.3302,
0.1983

 40.3279, 0.3269,
0.2165

■ 47.4245, 0.3237,
0.2374

■ 56.1776, 0.3206,
0.2600

■ 66.6837, 0.3177,
0.2834

■ 79.0317, 0.3151,
0.3068

Harmonies

Analogous

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



25.3756, 0.1926, 0.1247



25.3756, 0.3416, 0.1656



25.3756, 0.5289, 0.2340

Triad

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



25.3756, 0.3416, 0.1656



25.3756, 0.4802, 0.5198



25.3756, 0.0756, 0.2178

Complementary

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



25.3756, 0.3416, 0.1656



66.5445, 0.2989, 0.5960

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.



25.3756, 0.1143, 0.4086



25.3756, 0.3416, 0.1656



25.3756, 0.3421, 0.6424

Square

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



25.3756, 0.3416, 0.1656



25.3756, 0.5931, 0.4006



25.3756, 0.2123, 0.6366



25.3756, 0.0777, 0.1376

Rectangle

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



25.3756, 0.3416, 0.1656



25.3756, 0.6118, 0.2854



25.3756, 0.2123, 0.6366



25.3756, 0.0828, 0.2667

Sweetspot

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



25.3768, 0.3416, 0.1656



60.1463, 0.3207, 0.2593



6.8431, 0.1516, 0.0610



11.9793, 0.3220, 0.2497



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.



25.3768, 0.3416, 0.1656



27.2786, 0.3417, 0.1656



20.8455, 0.5277, 0.2682



16.7450, 0.3150, 0.3074



13.4291, 0.3413, 0.1654



1.1867, 0.3384, 0.1638

Inverse Universe

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



25.3768, 0.3416, 0.1656



27.2786, 0.3417, 0.1656



68.3943, 0.2667, 0.4801



16.7450, 0.3150, 0.3074



13.4291, 0.3413, 0.1654



1.1867, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 25.3756, 0.3416, 0.1656 looks on a white background.

Color Contrast Check

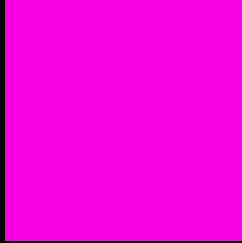
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3756, 0.3416, 0.1656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

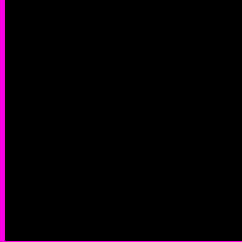
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3756, 0.3416, 0.1656

Background



This preview shows how black text looks on a background with the Yxy color 25.3756, 0.3416, 0.1656.



This preview shows how white text looks on a background with the Yxy color 25.3756, 0.3416, 0.1656.

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

25.3973, 0.3416, 0.1657

Protanopia

26.0844, 0.1930, 0.1695

Deuteranopia

26.0870, 0.2227, 0.2173



Tritanopia

25.6310, 0.5021, 0.3246

Trichromacy



Original Color

25.3973, 0.3416, 0.1657



Protanomaly

18.6514, 0.2206, 0.1358



Deuteranomaly

19.1293, 0.2517, 0.1622



Tritanomaly

23.2601, 0.4492, 0.2487

Monochromacy



Original Color

25.3973, 0.3416, 0.1657



Achromatopsia

12.7438, 0.3127, 0.3290



Achromatomaly

12.5457, 0.3278, 0.2032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3756, 0.3416, 0.1656 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(247, 1, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 1, 228)  
}
```

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(247, 1, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 1, 228) }
```

Border

The CSS property to change the border of an element to Yxy 25.3756, 0.3416, 0.1656 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(247, 1, 228) }
```

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

```
.border{ border-color:rgb(247, 1, 228) }
```

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

Here you see how a box with a 4 pixel rgb(247, 1, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 1, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 1, 228);  
box-shadow:4px 4px 4px 4px rgb(247, 1,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3756, 0.3416, 0.1656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 1, 228) }
```

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

```
.background{ background-color: rgb(247, 1,  
228) }
```

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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