

Converting Colors

Yxy(30.3244, 0.3155, 0.1626)

Have a look what the booklet for
Yxy(30.3244, 0.3155, 0.1626)
contains.

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Color

Yxy(30.3723, 0.3155, 0.1627)

Conversions

Conversions Part 1

Format	Color
Hex	FA38FF
RGB	250, 56, 255
RGB Percent	98%, 22%, 100%
CMY	0.0196, 0.7805, 0.0000
CMYK	0.02, 0.78, 0.00, 0.00
HSL	298°, 100%, 61%
HSV	298°, 78%, 100%
XYZ	58.8965, 30.3723, 97.4079
YIQ	136.6920, 51.7450, 103.0170

Conversions

Conversions Part 2

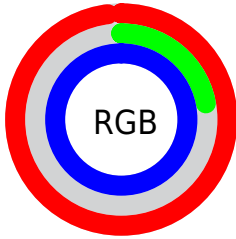
Format	Color
R _{YB}	250, 56, 255
Decimal	16398591
CIE _{Lab}	61.97, 90.18, -58.27
CIE _{LCh}	62, 107.367, 327.129
Yxy	30.3723, 0.3155, 0.1627
Android (android.graphics.Color)	4294588671 (0xFFFA38FF)
YUV	136.6920, 58.3258, 99.3711
Hunter-Lab	55.1111, 94.3163, -66.2163

Details

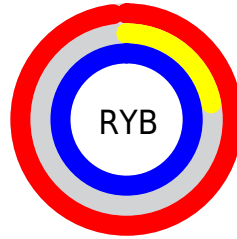
The Yxy color **30.3723, 0.3155, 0.1627** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **72.7960, 0.3024, 0.5734**, and the grayscale version is **24.6485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1472, 0.3185, 0.2063**, and **14.8500, 0.3107, 0.1485** is the 20% darker color. If you saturate the color by 10%, you get **28.3798, 0.3152, 0.1550**, and if you desaturate by 10%, it is **33.6181, 0.3157, 0.1749**.

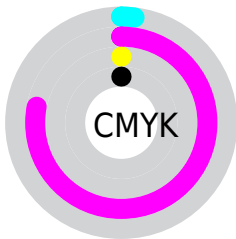
Distribution



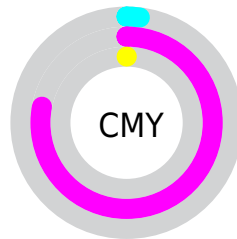
- Red (98%)
- Green (22%)
- Blue (100%)



- Red (98%)
- Yellow (22%)
- Blue (100%)



- Cyan (2%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3723, 0.3155, 0.1627 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 30.3723, 0.3155, 0.1627 by changing the saturation by 10% instead.


 30.3723, 0.3155,
0.1627


 30.3723, 0.3155,
0.1627


303.6360, 0.3189,
0.2359


 20.1213, 0.3135,
0.1475


 60.2505, 0.3176,
0.1870

 12.4833, 0.3105,
0.1296


 80.6464, 0.3182,
0.1968


 7.0737, 0.3057,
0.1086


 105.1929, 0.3185,
0.2054

 3.5082, 0.2980,
0.0841

 134.2742, 0.3187,
0.2129

 1.4025, 0.2851,
0.0562

 168.2748, 0.3189,
0.2196

 0.2185, 0.2658,
0.0162

207.5790, 0.3189,

 0.0000, 0.2242,

0.2257

0.0000

252.5713, 0.3189,
0.2310

■ 0.0000, 0.1198,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 30.3723, 0.3155,
0.1627

■ 30.3723, 0.3155,
0.1627

■ 28.3798, 0.3152,
0.1550

■ 33.6181, 0.3157,
0.1749

■ 27.4177, 0.3147,
0.1512

■ 38.2908, 0.3157,
0.1913

■ 27.2871, 0.3146,
0.1506

■ 44.5308, 0.3155,
0.2113

■ 52.4633, 0.3151,
0.2341

62.2007, 0.3146,
0.2586

73.8457, 0.3140,
0.2840

87.4936, 0.3133,
0.3092

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.



30.3723, 0.1814, 0.1269



30.3723, 0.3155, 0.1627



30.3723, 0.4951, 0.2270

Triad

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



30.3723, 0.3155, 0.1627



30.3723, 0.4992, 0.5008



30.3723, 0.0847, 0.2432

Complementary

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



30.3723, 0.3155, 0.1627



72.7960, 0.3024, 0.5734

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.



30.3723, 0.1326, 0.4418



30.3723, 0.3155, 0.1627



30.3723, 0.3661, 0.6178

Square

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



30.3723, 0.3155, 0.1627



30.3723, 0.5965, 0.3884



30.3723, 0.2371, 0.6368



30.3723, 0.0812, 0.1512

Rectangle

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



30.3723, 0.3155, 0.1627



30.3723, 0.5870, 0.2777



30.3723, 0.2371, 0.6368



30.3723, 0.0945, 0.2967

Sweetspot

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



30.3705, 0.3155, 0.1627



67.8400, 0.3143, 0.2714



11.5706, 0.1665, 0.0899



13.6468, 0.3145, 0.2623



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.



30.3705, 0.3155, 0.1627



27.7077, 0.3149, 0.1523



26.6978, 0.4365, 0.2369



18.2758, 0.3134, 0.3056



14.2685, 0.3147, 0.1507



1.3963, 0.3154, 0.1511

Inverse Universe

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



24.4215, 0.5819, 0.3267



21.6655, 0.6302, 0.3286



74.5248, 0.2712, 0.4722



17.9945, 0.3291, 0.3284



11.1193, 0.6375, 0.3286



1.0851, 0.6315, 0.3252

Previews

White Background



This preview shows how the Yxy color 30.3723, 0.3155, 0.1627 looks on a white background.

Color Contrast Check

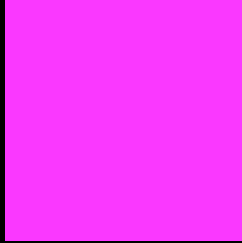
Large Text (above 18pt) WCAG AA × Fail

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 30.3723, 0.3155, 0.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

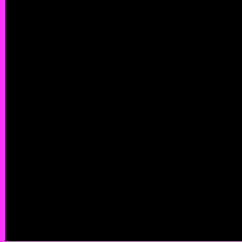
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3723, 0.3155, 0.1627

Background



This preview shows how black text looks on a background with the Yxy color 30.3723, 0.3155, 0.1627.



This preview shows how white text looks on a background with the Yxy color 30.3723, 0.3155, 0.1627.

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

30.3723, 0.3155, 0.1627

Protanopia

30.8541, 0.2071, 0.1887

Deuteranopia

30.6504, 0.2111, 0.2047



Tritanopia

29.9523, 0.4580, 0.3207

Trichromacy



Original Color

30.3723, 0.3155, 0.1627



Protanomaly

26.2232, 0.2327, 0.1624



Deuteranomaly

25.8200, 0.2358, 0.1699



Tritanomaly

28.6647, 0.4042, 0.2483

Monochromacy



Original Color

30.3723, 0.3155, 0.1627



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.4854, 0.3150, 0.2314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3723, 0.3155, 0.1627 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(250, 56, 255)` looks like.

```
.text, #text, p{  
  color:rgb(250, 56, 255)  
}
```

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(250, 56, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 56, 255) }
```

Border

The CSS property to change the border of an element to Yxy 30.3723, 0.3155, 0.1627 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(250, 56, 255) }
```

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

```
.border{ border-color:rgb(250, 56, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 56, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 56, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 56, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 56,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3723, 0.3155, 0.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 56, 255) }
```

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

```
.background{ background-color: rgb(250, 56,  
255) }
```

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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