

Converting Colors

$Y_{xy}(28.2348, 0.3288, 0.1606)$

Have a look what the booklet for
Yxy(28.2348, 0.3288, 0.1606)
contains.

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Color

Yxy(28.2250, 0.3290, 0.1608)

Conversions

Conversions Part 1

Format	Color
Hex	FE14F6
RGB	254, 20, 246
RGB Percent	100%, 8%, 96%
CMY	0.0040, 0.9209, 0.0355
CMYK	0.00, 0.92, 0.03, 0.00
HSL	302°, 99%, 54%
HSV	302°, 92%, 100%
XYZ	57.7489, 28.2250, 89.5547
YIQ	115.7300, 66.9180, 119.8940

Conversions

Conversions Part 2

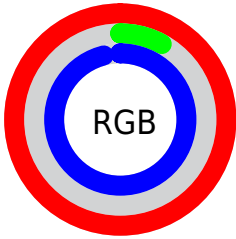
Format	Color
R_{YB}	254, 20, 246
Decimal	16651510
CIE _{Lab}	60.09, 95.50, -56.19
CIE _{LCh}	60, 110.811, 329.528
Yxy	28.2250, 0.3290, 0.1608
Android (android.graphics.Color)	4294841590 (0xFFFE14F6)
YUV	115.7300, 64.2231, 121.2628
Hunter-Lab	53.1272, 101.0557, -62.7541

Details

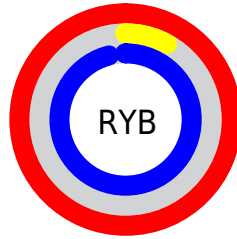
The Yxy color **28.2250, 0.3290, 0.1608** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **71.1129, 0.2995, 0.5926**, and the grayscale version is **17.1931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4173, 0.3190, 0.1942**, and **14.8806, 0.3249, 0.1563** is the 20% darker color. If you saturate the color by 10%, you get **27.6774, 0.3299, 0.1591**, and if you desaturate by 10%, it is **29.6943, 0.3277, 0.1661**.

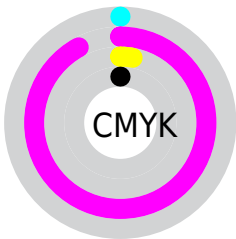
Distribution



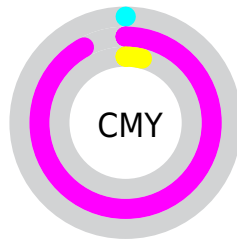
- Red (100%)
- Green (8%)
- Blue (96%)



- Red (100%)
- Yellow (8%)
- Blue (96%)



- Cyan (0%)
- Magenta (92%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (92%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2250, 0.3290, 0.1608 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 28.2250, 0.3290, 0.1608 by changing the saturation by 10% instead.

 28.2250, 0.3290,
0.1608


 28.2250, 0.3290,
0.1608


293.5405, 0.3258,
0.2354

 18.4953, 0.3285,
0.1452


 56.8435, 0.3288,
0.1857


 11.3062, 0.3273,
0.1268


 76.5011, 0.3285,
0.1956

 6.2732, 0.3247,
0.1052


 100.2367, 0.3281,
0.2044

 3.0119, 0.3196,
0.0800

 128.4349, 0.3276,
0.2121

 1.1379, 0.3098,
0.0515

 161.4800, 0.3272,
0.2189

 0.0101, 0.2971,
0.0009

199.7564, 0.3267,

 0.0000, 0.2537,

0.2250

0.0000

243.6484, 0.3262,
0.2305

■ 0.0000, 0.1257,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 28.2250, 0.3290,
0.1608

■ 28.2250, 0.3290,
0.1608


■ 27.6774, 0.3299,
0.1591

■ 29.6943, 0.3277,
0.1661


■ 32.3303, 0.3262,
0.1757

■ 36.3151, 0.3245,
0.1897


■ 41.7986, 0.3226,
0.2075

 48.9106, 0.3206,
0.2285

 57.7672, 0.3186,
0.2515

 68.4736, 0.3167,
0.2757

 81.1271, 0.3148,
0.3002

 95.8178, 0.3131,
0.3242

Harmonies

Analogous

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



28.2250, 0.1841, 0.1220



28.2250, 0.3290, 0.1608



28.2250, 0.5187, 0.2279

Triad

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



28.2250, 0.3290, 0.1608



28.2250, 0.4894, 0.5106



28.2250, 0.0755, 0.2259

Complementary

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



28.2250, 0.3290, 0.1608



71.1129, 0.2995, 0.5926

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.



28.2250, 0.1178, 0.4270



28.2250, 0.3290, 0.1608



28.2250, 0.3510, 0.6377

Square

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



28.2250, 0.3290, 0.1608



28.2250, 0.5996, 0.3925



28.2250, 0.2195, 0.6486



28.2250, 0.0756, 0.1397

Rectangle

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



28.2250, 0.3290, 0.1608



28.2250, 0.6083, 0.2793



28.2250, 0.2195, 0.6486



28.2250, 0.0837, 0.2780

Sweetspot

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



28.2263, 0.3290, 0.1608



62.4379, 0.3178, 0.2613



7.9079, 0.1541, 0.0654



12.4211, 0.3187, 0.2509



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.



28.2263, 0.3290, 0.1608



27.9282, 0.3299, 0.1591



23.1680, 0.4944, 0.2539



18.2890, 0.3143, 0.3064



14.5979, 0.3297, 0.1590



1.4246, 0.3286, 0.1584

Inverse Universe

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



28.2263, 0.3290, 0.1608



27.9282, 0.3299, 0.1591



73.0685, 0.2676, 0.4789



18.2890, 0.3143, 0.3064



14.5979, 0.3297, 0.1590



1.4246, 0.3286, 0.1584

Previews

White Background



This preview shows how the Yxy color 28.2250, 0.3290, 0.1608 looks on a white background.

Color Contrast Check

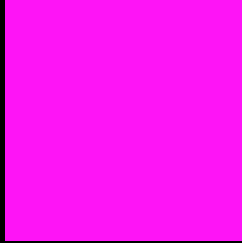
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2250, 0.3290, 0.1608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

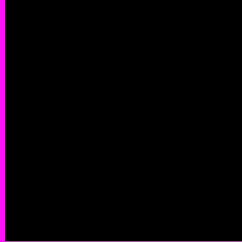
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2250, 0.3290, 0.1608

Background



This preview shows how black text looks on a background with the Yxy color 28.2250, 0.3290, 0.1608.



This preview shows how white text looks on a background with the Yxy color 28.2250, 0.3290, 0.1608.

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

28.2250, 0.3290, 0.1608

Protanopia

28.7901, 0.2011, 0.1807

Deuteranopia

28.5071, 0.2137, 0.2074



Tritanopia

28.0856, 0.4890, 0.3235

Trichromacy



Original Color

28.2250, 0.3290, 0.1608



Protanomaly

22.2477, 0.2281, 0.1470



Deuteranomaly

21.9428, 0.2403, 0.1606



Tritanomaly

26.0137, 0.4309, 0.2464

Monochromacy



Original Color

28.2250, 0.3290, 0.1608



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

16.6362, 0.3223, 0.2121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2250, 0.3290, 0.1608 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(254, 20, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 20, 246)  
}
```

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(254, 20, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 20, 246) }
```

Border

The CSS property to change the border of an element to Yxy 28.2250, 0.3290, 0.1608 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(254, 20, 246) }
```

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

```
.border{ border-color:rgb(254, 20, 246) }
```

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

Here you see how a box with a 4 pixel rgb(254, 20, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 20, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 20, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 20,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2250, 0.3290, 0.1608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 20, 246) }
```

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

```
.background{ background-color: rgb(254, 20,  
246) }
```

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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