

Converting Colors

Yxy(27.2131, 0.3314, 0.1599)

Have a look what the booklet for
Yxy(27.2131, 0.3314, 0.1599)
contains.

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Color

Yxy(27.1063, 0.3313, 0.1599)

Conversions

Conversions Part 1

Format	Color
Hex	FC00F2
RGB	252, 0, 242
RGB Percent	99%, 0%, 95%
CMY	0.0118, 0.9987, 0.0511
CMYK	0.00, 1.00, 0.04, 0.01
HSL	302°, 100%, 49%
HSV	302°, 100%, 99%
XYZ	56.1621, 27.1063, 86.2519
YIQ	102.9360, 72.5100, 128.6860

Conversions

Conversions Part 2

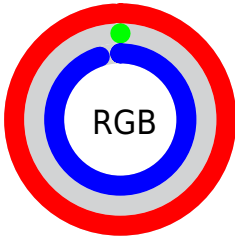
Format	Color
R _Y B	252, 0, 242
Decimal	16515314
CIE Lab	59.07, 95.98, -55.62
CIE LCh	59, 110.932, 329.909
Yxy	27.1063, 0.3313, 0.1599
Android (android.graphics.Color)	4294705394 (0xFFFC00F2)
YUV	102.9360, 68.5586, 130.7291
Hunter-Lab	52.0637, 101.4397, -61.7789

Details

The Yxy color **27.1063, 0.3313, 0.1599** 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 **69.6322, 0.2995, 0.5982**, and the grayscale version is **13.3984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3806, 0.3192, 0.1907**, and **14.4499, 0.3276, 0.1578** is the 20% darker color. If you saturate the color by 10%, you get **27.0996, 0.3313, 0.1599**, and if you desaturate by 10%, it is **27.8789, 0.3300, 0.1624**.

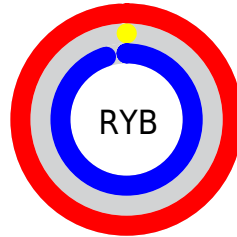
Distribution



Red (99%)

Green (0%)

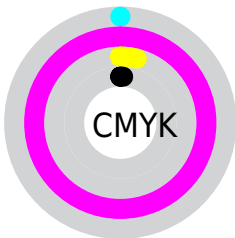
Blue (95%)



Red (99%)

Yellow (0%)

Blue (95%)

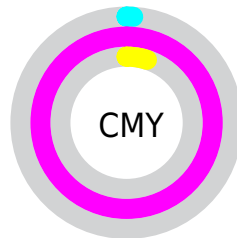


Cyan (0%)

Magenta (100%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (100%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1063, 0.3313, 0.1599 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 27.1063, 0.3313, 0.1599 by changing the saturation by 10% instead.


 27.1063, 0.3313,
0.1599


 27.1063, 0.3313,
0.1599


288.1714, 0.3269,
0.2353

 17.6531, 0.3311,
0.1441


 55.0544, 0.3308,
0.1851


 10.7012, 0.3301,
0.1254


 74.3181, 0.3303,
0.1952


 5.8663, 0.3278,
0.1034


 97.6207, 0.3297,
0.2040

 2.7639, 0.3230,
0.0778

 125.3466, 0.3291,
0.2118

 1.0098, 0.3134,
0.0490

 157.8802, 0.3286,
0.2187

 0.0000, 0.3000,
0.0000

195.6060, 0.3280,

 0.0000, 0.2553,

0.2248

0.0000

238.9083, 0.3275,
0.2304

■ 0.0000, 0.0901,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.1063, 0.3313,
0.1599

■ 27.1063, 0.3313,
0.1599

■ 27.0996, 0.3313,
0.1599

■ 27.8789, 0.3300,
0.1624


■ 29.5653, 0.3285,
0.1685


■ 32.4409, 0.3268,
0.1791

■ 36.6749, 0.3248,
0.1939

 42.4091, 0.3228,
0.2125

 49.7677, 0.3206,
0.2339

 58.8619, 0.3185,
0.2572

 69.7929, 0.3164,
0.2814

 82.6546, 0.3145,
0.3056

Harmonies

Analogous

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



27.1063, 0.1841, 0.1206



27.1063, 0.3313, 0.1599



27.1063, 0.5237, 0.2275

Triad

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



27.1063, 0.3313, 0.1599



27.1063, 0.4877, 0.5123



27.1063, 0.0734, 0.2224

Complementary

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



27.1063, 0.3313, 0.1599



69.6322, 0.2995, 0.5982

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.



27.1063, 0.1146, 0.4248



27.1063, 0.3313, 0.1599



27.1063, 0.3480, 0.6425

Square

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



27.1063, 0.3313, 0.1599



27.1063, 0.6011, 0.3930



27.1063, 0.2158, 0.6524



27.1063, 0.0740, 0.1372

Rectangle

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



27.1063, 0.3313, 0.1599



27.1063, 0.6131, 0.2790



27.1063, 0.2158, 0.6524



27.1063, 0.0812, 0.2745

Sweetspot

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



27.1076, 0.3313, 0.1599



60.3257, 0.3185, 0.2568



7.0903, 0.1507, 0.0605



12.0229, 0.3194, 0.2468



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.



27.1076, 0.3313, 0.1599



27.8439, 0.3313, 0.1599



22.0011, 0.5140, 0.2606



17.5119, 0.3144, 0.3065



14.1247, 0.3311, 0.1598



1.3118, 0.3298, 0.1591

Inverse Universe

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



27.1076, 0.3313, 0.1599



27.8439, 0.3313, 0.1599



71.3460, 0.2701, 0.4922



17.5119, 0.3144, 0.3065



14.1247, 0.3311, 0.1598



1.3118, 0.3298, 0.1591

Previews

White Background



This preview shows how the Yxy color 27.1063, 0.3313, 0.1599 looks on a white background.

Color Contrast Check

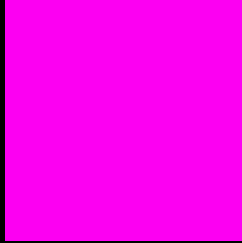
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1063, 0.3313, 0.1599 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 27.1063, 0.3313, 0.1599

Background



This preview shows how black text looks on a background with the Yxy color 27.1063, 0.3313, 0.1599.



This preview shows how white text looks on a background with the Yxy color 27.1063, 0.3313, 0.1599.

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

27.1063, 0.3313, 0.1599

Protanopia

27.9546, 0.1984, 0.1774

Deuteranopia

27.6778, 0.2149, 0.2086



Tritanopia

27.1285, 0.4933, 0.3235

Trichromacy



Original Color

27.1063, 0.3313, 0.1599



Protanomaly

20.1579, 0.2247, 0.1386



Deuteranomaly

20.0807, 0.2417, 0.1544



Tritanomaly

24.4817, 0.4371, 0.2435

Monochromacy



Original Color

27.1063, 0.3313, 0.1599



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

13.3976, 0.3232, 0.1997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1063, 0.3313, 0.1599 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(252, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 242)  
}
```

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(252, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 242) }
```

Border

The CSS property to change the border of an element to Yxy 27.1063, 0.3313, 0.1599 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(252, 0, 242) }
```

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

```
.border{ border-color:rgb(252, 0, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 0, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1063, 0.3313, 0.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 242) }
```

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

```
.background{ background-color: rgb(252, 0,  
242) }
```

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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