

Converting Colors

$Yxy(27.9435, 0.3305, 0.1597)$

Have a look what the booklet for
Yxy(27.9435, 0.3305, 0.1597)
contains.

Yxy(27.9789, 0.3301, 0.1595)	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(27.9789, 0.3301, 0.1595)

Conversions

Conversions Part 1

Format	Color
Hex	FF03F6
RGB	255, 3, 246
RGB Percent	100%, 1%, 96%
CMY	0.0000, 0.9878, 0.0353
CMYK	0.00, 0.99, 0.04, 0.00
HSL	302°, 100%, 51%
HSV	302°, 99%, 100%
XYZ	57.9049, 27.9789, 89.5325
YIQ	106.0500, 72.1890, 128.9970

Conversions

Conversions Part 2

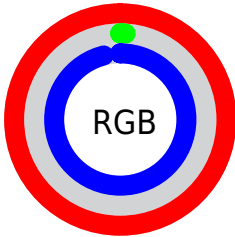
Format	Color
R _Y B	255, 3, 246
Decimal	16712694
CIE _L ab	59.87, 96.84, -56.56
CIE _L Ch	60, 112.150, 329.712
Yxy	27.9789, 0.3301, 0.1595
Android (android.graphics.Color)	4294902774 (0xFFFF03F6)
YUV	106.0500, 68.9954, 130.6292
Hunter-Lab	52.8951, 102.8398, -63.3302

Details

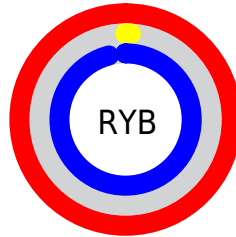
The Yxy color **27.9789, 0.3301, 0.1595** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **71.5645, 0.2996, 0.5978**, and the grayscale version is **14.2383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7881, 0.3191, 0.1921**, and **15.0116, 0.3262, 0.1570** is the 20% darker color. If you saturate the color by 10%, you get **27.9059, 0.3302, 0.1593**, and if you desaturate by 10%, it is **28.8285, 0.3289, 0.1623**.

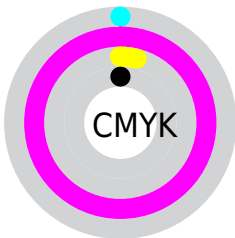
Distribution



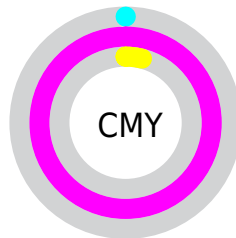
- Red (100%)
- Green (1%)
- Blue (96%)



- Red (100%)
- Yellow (1%)
- Blue (96%)



- Cyan (0%)
- Magenta (99%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (99%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9789, 0.3301, 0.1595 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 27.9789, 0.3301, 0.1595 by changing the saturation by 10% instead.


 27.9789, 0.3301,
0.1595


 27.9789, 0.3301,
0.1595


292.3661, 0.3264,
0.2346


 18.3098, 0.3297,
0.1438


 56.4508, 0.3298,
0.1845

 11.1726, 0.3286,
0.1254


 76.0223, 0.3294,
0.1945


 6.1831, 0.3261,
0.1038


 99.6633, 0.3289,
0.2033

 2.9567, 0.3212,
0.0786

 127.7584, 0.3284,
0.2111

 1.1092, 0.3115,
0.0502

 160.6918, 0.3279,
0.2180

 0.0000, 0.2990,
0.0000

198.8479, 0.3274,

 0.0000, 0.2556,

0.2241

0.0000

242.6112, 0.3269,
0.2296

■ 0.0000, 0.1301,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 27.9789, 0.3301,
0.1595

■ 27.9789, 0.3301,
0.1595


■ 27.9059, 0.3302,
0.1593

■ 28.8285, 0.3289,
0.1623

■ 30.6736, 0.3275,
0.1689


■ 33.7618, 0.3259,
0.1800

■ 38.2637, 0.3241,
0.1953

 44.3231, 0.3221,
0.2142

 52.0660, 0.3201,
0.2359

 61.6058, 0.3180,
0.2595

 73.0459, 0.3161,
0.2838

 86.4819, 0.3142,
0.3082

Harmonies

Analogous

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



27.9789, 0.1833, 0.1204



27.9789, 0.3301, 0.1595



27.9789, 0.5226, 0.2270

Triad

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



27.9789, 0.3301, 0.1595



27.9789, 0.4886, 0.5114



27.9789, 0.0735, 0.2232

Complementary

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



27.9789, 0.3301, 0.1595



71.5645, 0.2996, 0.5978

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.



27.9789, 0.1150, 0.4265



27.9789, 0.3301, 0.1595



27.9789, 0.3488, 0.6418

Square

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



27.9789, 0.3301, 0.1595



27.9789, 0.6016, 0.3922



27.9789, 0.2166, 0.6534



27.9789, 0.0739, 0.1374

Rectangle

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



27.9789, 0.3301, 0.1595



27.9789, 0.6127, 0.2785



27.9789, 0.2166, 0.6534



27.9789, 0.0813, 0.2756

Sweetspot

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



27.9802, 0.3301, 0.1595



60.3453, 0.3183, 0.2565



7.3619, 0.1511, 0.0610



12.0277, 0.3191, 0.2465



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.



27.9802, 0.3301, 0.1595



27.9069, 0.3302, 0.1593



22.6988, 0.5114, 0.2597



18.2885, 0.3144, 0.3064



14.5869, 0.3301, 0.1592



1.4237, 0.3289, 0.1586

Inverse Universe

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



27.9802, 0.3301, 0.1595



27.9069, 0.3302, 0.1593



73.3567, 0.2697, 0.4904



18.2885, 0.3144, 0.3064



14.5869, 0.3301, 0.1592



1.4237, 0.3289, 0.1586

Previews

White Background



This preview shows how the Yxy color 27.9789, 0.3301, 0.1595 looks on a white background.

Color Contrast Check

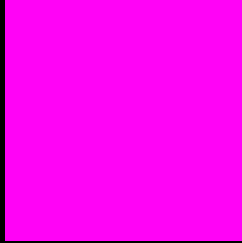
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9789, 0.3301, 0.1595 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 27.9789, 0.3301, 0.1595

Background



This preview shows how black text looks on a background with the Yxy color 27.9789, 0.3301, 0.1595.



This preview shows how white text looks on a background with the Yxy color 27.9789, 0.3301, 0.1595.

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

27.9789, 0.3301, 0.1595

Protanopia

28.7397, 0.2007, 0.1806

Deuteranopia

28.5071, 0.2137, 0.2074



Tritanopia

28.0539, 0.4920, 0.3235

Trichromacy



Original Color

27.9789, 0.3301, 0.1595



Protanomaly

20.9945, 0.2271, 0.1407



Deuteranomaly

20.7549, 0.2402, 0.1540



Tritanomaly

25.3340, 0.4352, 0.2431

Monochromacy



Original Color

27.9789, 0.3301, 0.1595



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

14.1641, 0.3230, 0.2015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9789, 0.3301, 0.1595 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, 3, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 3, 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(255, 3, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 3, 246) }
```

Border

The CSS property to change the border of an element to Yxy 27.9789, 0.3301, 0.1595 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, 3, 246) }
```

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

```
.border{ border-color:rgb(255, 3, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 3, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 3, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 3, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 3,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9789, 0.3301, 0.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 3, 246) }
```

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

```
.background{ background-color: rgb(255, 3,  
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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