

Converting Colors

Yxy(22.3648, 0.2853, 0.1346)

Have a look what the booklet for
Yxy(22.3648, 0.2853, 0.1346)
contains.

Yxy(22.3018, 0.2848, 0.1344)	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(22.3018, 0.2848, 0.1344)

Conversions

Conversions Part 1

Format	Color
Hex	DB01FF
RGB	219, 1, 255
RGB Percent	86%, 0%, 100%
CMY	0.1413, 0.9943, 0.0002
CMYK	0.14, 0.99, 0.00, 0.00
HSL	291°, 100%, 50%
HSV	291°, 99%, 100%
XYZ	47.2586, 22.3018, 96.3756
YIQ	95.1380, 48.3940, 125.2100

Conversions

Conversions Part 2

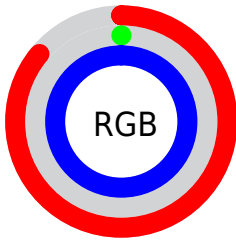
Format	Color
R _Y B	219, 1, 255
Decimal	14352895
CIE Lab	54.35, 92.90, -70.74
CIE LCh	54, 116.766, 322.710
Yxy	22.3018, 0.2848, 0.1344
Android (android.graphics.Color)	4292542975 (0xFFDB01FF)
YUV	95.1380, 78.8120, 108.6270
Hunter-Lab	47.2248, 95.9844, -87.9408

Details

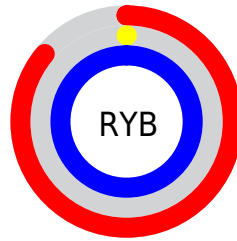
The Yxy color **22.3018, 0.2848, 0.1344** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **71.8904, 0.3034, 0.5970**, and the grayscale version is **11.3424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4037, 0.3194, 0.1874**, and **11.3003, 0.2710, 0.1267** is the 20% darker color. If you saturate the color by 10%, you get **22.2387, 0.2846, 0.1341**, and if you desaturate by 10%, it is **23.6203, 0.2885, 0.1398**.

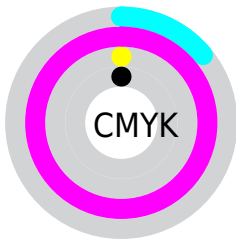
Distribution



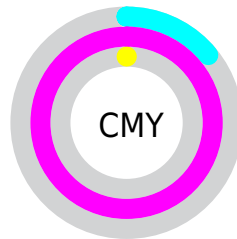
- Red (86%)
- Green (0%)
- Blue (100%)



- Red (86%)
- Yellow (0%)
- Blue (100%)



- Cyan (14%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3018, 0.2848, 0.1344 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 22.3018, 0.2848, 0.1344 by changing the saturation by 10% instead.


 22.3018, 0.2848,
0.1344


 22.3018, 0.2848,
0.1344


264.1183, 0.3053,
0.2201


 14.0788, 0.2783,
0.1171


 47.2443, 0.2934,
0.1625

 8.1755, 0.2693,
0.0973


 64.7326, 0.2964,
0.1739

 4.2075, 0.2568,
0.0748


 86.0782, 0.2987,
0.1840

 1.7903, 0.2386,
0.0502

 111.6654, 0.3006,
0.1929

 0.4811, 0.2124,
0.0228

 141.8786, 0.3021,
0.2008

 0.0000, 0.1728,
0.0000

177.1022, 0.3034,

 0.0000, 0.1116,

0.2079

0.0000

217.7207, 0.3044,
0.2143

■ 0.0000, 0.0000,
0.0000

■ 22.3018, 0.2848,
0.1344

■ 22.3018, 0.2848,
0.1344

■ 22.2387, 0.2846,
0.1341

■ 23.6203, 0.2885,
0.1398

■ 25.9146, 0.2923,
0.1493

■ 29.4514, 0.2960,
0.1634

■ 34.4032, 0.2994,
0.1817

■ 40.9154, 0.3026,
0.2036

■ 49.1149, 0.3055,
0.2279

■ 59.1159, 0.3079,
0.2536

■ 71.0224, 0.3099,
0.2798

■ 84.9303, 0.3115,
0.3056

Harmonies

Analogous

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



22.3018, 0.1475, 0.1024



22.3018, 0.2848, 0.1344



22.3018, 0.4970, 0.1981

Triad

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



22.3018, 0.2848, 0.1344



22.3018, 0.5231, 0.4769



22.3018, 0.0627, 0.2460

Complementary

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



22.3018, 0.2848, 0.1344



71.8904, 0.3034, 0.5970

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.



22.3018, 0.1144, 0.5100



22.3018, 0.2848, 0.1344



22.3018, 0.3697, 0.6303

Square

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



22.3018, 0.2848, 0.1344



22.3018, 0.6401, 0.3590



22.3018, 0.2272, 0.7163



22.3018, 0.0577, 0.1347

Rectangle

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



22.3018, 0.2848, 0.1344



22.3018, 0.6174, 0.2495



22.3018, 0.2272, 0.7163



22.3018, 0.0730, 0.3156

Sweetspot

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



22.3027, 0.2848, 0.1344



58.5184, 0.3078, 0.2521



8.7092, 0.1532, 0.0709



11.5836, 0.3068, 0.2412



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.



22.3027, 0.2848, 0.1344



22.2494, 0.2846, 0.1341



24.0431, 0.4358, 0.2176



18.1620, 0.3115, 0.3054



11.6759, 0.2852, 0.1345



1.1711, 0.2895, 0.1369

Inverse Universe

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



21.4180, 0.6231, 0.3210



21.3886, 0.6243, 0.3213



72.2363, 0.2860, 0.5492



18.0291, 0.3272, 0.3257



11.1886, 0.6214, 0.3197



1.1015, 0.5952, 0.3052

Previews

White Background



This preview shows how the Yxy color 22.3018, 0.2848, 0.1344 looks on a white background.

Color Contrast Check

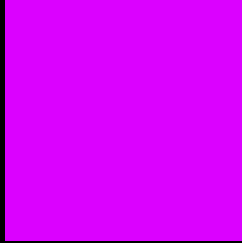
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3018, 0.2848, 0.1344 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 22.3018, 0.2848, 0.1344

Background



This preview shows how black text looks on a background with the Yxy color 22.3018, 0.2848, 0.1344.



This preview shows how white text looks on a background with the Yxy color 22.3018, 0.2848, 0.1344.

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

22.3018, 0.2848, 0.1344

Protanopia

23.0769, 0.1825, 0.1563

Deuteranopia

22.8312, 0.1826, 0.1771



Tritanopia

22.4552, 0.4427, 0.3204

Trichromacy



Original Color

22.3018, 0.2848, 0.1344



Protanomaly

16.4844, 0.1963, 0.1174



Deuteranomaly

14.6735, 0.1836, 0.1185



Tritanomaly

19.5054, 0.3812, 0.2187

Monochromacy



Original Color

22.3018, 0.2848, 0.1344



Achromatopsia

11.4435, 0.3127, 0.3290



Achromatomaly

11.2128, 0.3000, 0.1845

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3018, 0.2848, 0.1344 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(219, 1, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 1, 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(219, 1, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 1, 255) }
```

Border

The CSS property to change the border of an element to Yxy 22.3018, 0.2848, 0.1344 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(219, 1, 255) }
```

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

```
.border{ border-color:rgb(219, 1, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 1, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 1, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 1, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 1,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3018, 0.2848, 0.1344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 1, 255) }
```

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

```
.background{ background-color: rgb(219, 1,  
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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