

Converting Colors

$Y_{xy}(22.1737, 0.2719, 0.1408)$

Have a look what the booklet for
Yxy(22.1737, 0.2719, 0.1408)
contains.

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Color

Yxy(22.1480, 0.2717, 0.1407)

Conversions

Conversions Part 1

Format	Color
Hex	C938FA
RGB	201, 56, 250
RGB Percent	79%, 22%, 98%
CMY	0.2116, 0.7807, 0.0195
CMYK	0.20, 0.78, 0.00, 0.02
HSL	285°, 95%, 60%
HSV	285°, 78%, 98%
XYZ	42.7691, 22.1480, 92.4958
YIQ	121.4710, 24.1460, 91.0740

Conversions

Conversions Part 2

Format	Color
R _Y B	201, 56, 250
Decimal	13187322
CIE Lab	54.18, 80.63, -68.41
CIE LCh	54, 105.743, 319.688
Yxy	22.1480, 0.2717, 0.1407
Android (android.graphics.Color)	4291377402 (0xFFC938FA)
YUV	121.4710, 63.3648, 69.7469
Hunter-Lab	47.0617, 79.8608, -83.5865

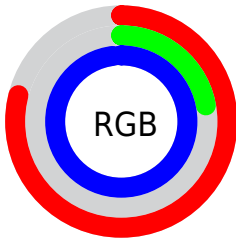
Details

The Yxy color **22.1480, 0.2717, 0.1407** is a light color, and the websafe version is hex **CC33FF**.

The color can be described as light washed magenta. A complement of this color would be **71.6799, 0.3186, 0.5608**, and the grayscale version is **19.0568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6737, 0.3187, 0.2016**, and **9.4685, 0.2544, 0.1175** is the 20% darker color. If you saturate the color by 10%, you get **19.4464, 0.2648, 0.1282**, and if you desaturate by 10%, it is **26.0953, 0.2786, 0.1580**.

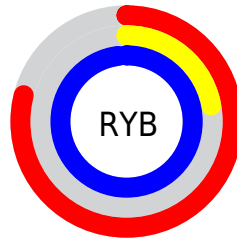
Distribution



Red (79%)

Green (22%)

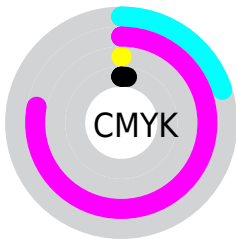
Blue (98%)



Red (79%)

Yellow (22%)

Blue (98%)

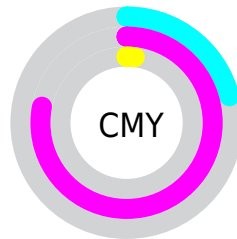


Cyan (20%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (21%)


Magenta (78%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1480, 0.2717, 0.1407 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 22.1480, 0.2717, 0.1407 by changing the saturation by 10% instead.


 22.1480, 0.2717,
0.1407

 22.1480, 0.2717,
0.1407


263.3182, 0.2983,
0.2253


 13.9657, 0.2638,
0.1232


 46.9905, 0.2824,
0.1688

 8.0968, 0.2532,
0.1030


 64.4195, 0.2862,
0.1801

 4.1570, 0.2386,
0.0798


 85.6994, 0.2892,
0.1901

 1.7617, 0.2179,
0.0539

 111.2148, 0.2917,
0.1988

 0.4632, 0.1884,
0.0244

 141.3500, 0.2937,
0.2066

 0.0000, 0.1452,
0.0000

176.4893, 0.2955,


 0.0000, 0.0644,


0.2135


0.0000


217.0173, 0.2970,
0.2197

 0.0000, 0.0000,
0.0000

 22.1480, 0.2717,
0.1407


 22.1480, 0.2717,
0.1407

 19.4464, 0.2648,
0.1282

 26.0953, 0.2786,
0.1580


 17.7773, 0.2582,
0.1202

 31.4449, 0.2853,
0.1793

 17.4594, 0.2566,
0.1187

 38.3327, 0.2916,
0.2037

 46.8778, 0.2973,
0.2300

 57.1873, 0.3024,
0.2571

69.3591, 0.3067,
0.2841

83.4842, 0.3104,
0.3101

99.0333, 0.3134,
0.3338

99.6846, 0.3156,
0.3337

Harmonies

Analogous

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



22.1480, 0.1488, 0.1121



22.1480, 0.2717, 0.1407



22.1480, 0.4622, 0.2004

Triad

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



22.1480, 0.2717, 0.1407



22.1480, 0.5328, 0.4672



22.1480, 0.0787, 0.2741

Complementary

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



22.1480, 0.2717, 0.1407



71.6799, 0.3186, 0.5608

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.



22.1480, 0.1397, 0.5203



22.1480, 0.2717, 0.1407



22.1480, 0.3949, 0.6051

Square

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



22.1480, 0.2717, 0.1407



22.1480, 0.6274, 0.3581



22.1480, 0.2561, 0.6829



22.1480, 0.0680, 0.1544

Rectangle

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



22.1480, 0.2717, 0.1407



22.1480, 0.5796, 0.2509



22.1480, 0.2561, 0.6829



22.1480, 0.0919, 0.3435

Sweetspot

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



22.1489, 0.2717, 0.1407



65.4173, 0.3045, 0.2696



18.4034, 0.1789, 0.1359



13.0509, 0.3028, 0.2598



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.



22.1489, 0.2717, 0.1407



19.2678, 0.2612, 0.1233



27.5483, 0.3714, 0.1974



17.2911, 0.3097, 0.3053



9.3295, 0.2577, 0.1193



0.9142, 0.2655, 0.1236

Inverse Universe

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



24.1712, 0.5210, 0.2902



22.2338, 0.5767, 0.2995



70.1787, 0.2887, 0.5306



17.2971, 0.3254, 0.3230



10.9909, 0.5926, 0.3038



1.0342, 0.5594, 0.2855

Previews

White Background



This preview shows how the Yxy color 22.1480, 0.2717, 0.1407 looks on a white background.

Color Contrast Check

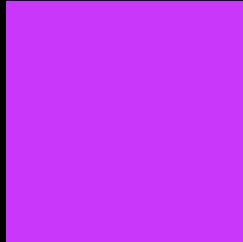
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1480, 0.2717, 0.1407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

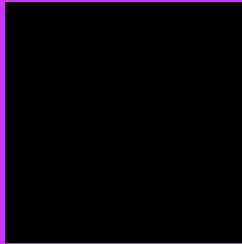
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1480, 0.2717, 0.1407

Background



This preview shows how black text looks on a background with the Yxy color 22.1480, 0.2717, 0.1407.



This preview shows how white text looks on a background with the Yxy color 22.1480, 0.2717, 0.1407.

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

22.1480, 0.2717, 0.1407

Protanopia

22.6996, 0.1811, 0.1545

Deuteranopia

22.4430, 0.1826, 0.1774



Tritanopia

21.8098, 0.4016, 0.3176

Trichromacy



Original Color

22.1480, 0.2717, 0.1407



Protanomaly

19.2240, 0.1959, 0.1351



Deuteranomaly

17.6084, 0.1865, 0.1402



Tritanomaly

20.5527, 0.3472, 0.2294

Monochromacy



Original Color

22.1480, 0.2717, 0.1407



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

17.8606, 0.2953, 0.2205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1480, 0.2717, 0.1407 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(201, 56, 250)` looks like.

```
.text, #text, p{  
    color:rgb(201, 56, 250)  
}
```

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(201, 56, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 56, 250) }
```

Border

The CSS property to change the border of an element to Yxy 22.1480, 0.2717, 0.1407 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(201, 56, 250) }
```

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

```
.border{ border-color:rgb(201, 56, 250) }
```

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

Here you see how a box with a 4 pixel rgb(201, 56, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 56, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 56, 250);  
box-shadow:4px 4px 4px 4px rgb(201, 56,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1480, 0.2717, 0.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 56, 250) }
```

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

```
.background{ background-color: rgb(201, 56,  
250) }
```

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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