

Converting Colors

Yxy(21.7690, 0.2635, 0.1414)

Have a look what the booklet for
Yxy(21.7690, 0.2635, 0.1414)
contains.

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Color

Yxy(21.6965, 0.2631, 0.1410)

Conversions

Conversions Part 1

Format	Color
Hex	BF41F9
RGB	191, 65, 249
RGB Percent	75%, 25%, 98%
CMY	0.2508, 0.7453, 0.0234
CMYK	0.23, 0.74, 0.00, 0.02
HSL	281°, 94%, 62%
HSV	281°, 74%, 98%
XYZ	40.4847, 21.6965, 91.6946
YIQ	123.6500, 16.0320, 83.9360

Conversions

Conversions Part 2

Format	Color
R _{YB}	191, 65, 249
Decimal	12534265
CIE _{Lab}	53.70, 75.76, -68.69
CIE _{LCh}	54, 102.260, 317.801
Y _{xy}	21.6965, 0.2631, 0.1410
Android (android.graphics.Color)	4290724345 (0xFFBF41F9)
YUV	123.6500, 61.7975, 59.0659
Hunter-Lab	46.5795, 73.6298, -84.1104

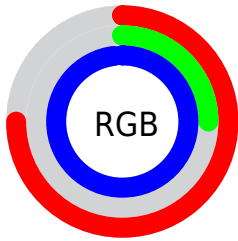
Details

The Yxy color **21.6965, 0.2631, 0.1410** is a light color, and the websafe version is hex **CC33FF**.

The color can be described as light washed purple. A complement of this color would be **72.3523, 0.3256, 0.5480**, and the grayscale version is **19.8155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1445, 0.3150, 0.2041**, and **8.6671, 0.2440, 0.1118** is the 20% darker color. If you saturate the color by 10%, you get **18.4531, 0.2545, 0.1254**, and if you desaturate by 10%, it is **26.2546, 0.2718, 0.1612**.

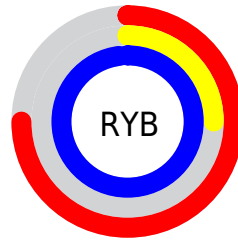
Distribution



Red (75%)

Green (25%)

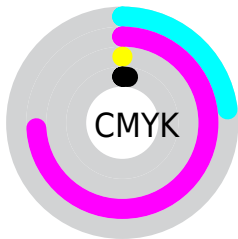
Blue (98%)



Red (75%)

Yellow (25%)

Blue (98%)

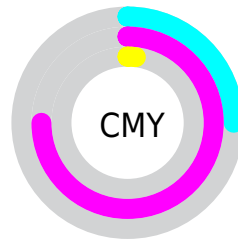


Cyan (23%)

Magenta (74%)

Yellow (0%)

Black (2%)



Cyan (25%)


Magenta (75%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6965, 0.2631, 0.1410 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 21.6965, 0.2631, 0.1410 by changing the saturation by 10% instead.


 21.6965, 0.2631,
0.1410


 21.6965, 0.2631,
0.1410


260.9572, 0.2939,
0.2260


 13.6341, 0.2542,
0.1233


 46.2439, 0.2753,
0.1693

 7.8666, 0.2424,
0.1028


 63.4976, 0.2796,
0.1808


 4.0097, 0.2263,
0.0793


 84.5838, 0.2831,
0.1908

 1.6790, 0.2038,
0.0532

 109.8871, 0.2861,
0.1995

 0.4100, 0.1725,
0.0224

 139.7916, 0.2885,
0.2073

 0.0000, 0.1272,
0.0000

174.6819, 0.2906,


 0.0000, 0.0303,

0.2142


0.0000


214.9423, 0.2923,
0.2205


 0.0000, 0.0000,
0.0000

 21.6965, 0.2631,
0.1410


 21.6965, 0.2631,
0.1410

 18.4531, 0.2545,
0.1254

 26.2546, 0.2718,
0.1612

 16.3415, 0.2462,
0.1148

 32.2727, 0.2801,
0.1850

 15.4519, 0.2413,
0.1103

 39.8793, 0.2879,
0.2114

 49.1877, 0.2950,
0.2389

 60.3009, 0.3013,
0.2667

73.3133, 0.3066,
0.2937

88.3130, 0.3112,
0.3194

99.3928, 0.3154,
0.3347

99.6210, 0.3162,
0.3347

Harmonies

Analogous

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



21.6965, 0.1464, 0.1145



21.6965, 0.2631, 0.1410



21.6965, 0.4466, 0.1985

Triad

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



21.6965, 0.2631, 0.1410



21.6965, 0.5393, 0.4607



21.6965, 0.0845, 0.2880

Complementary

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



21.6965, 0.2631, 0.1410



72.3523, 0.3256, 0.5480

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.



21.6965, 0.1500, 0.5310



21.6965, 0.2631, 0.1410



21.6965, 0.4060, 0.5940

Square

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



21.6965, 0.2631, 0.1410



21.6965, 0.6256, 0.3549



21.6965, 0.2680, 0.6742



21.6965, 0.0709, 0.1625

Rectangle

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



21.6965, 0.2631, 0.1410



21.6965, 0.5645, 0.2484



21.6965, 0.2680, 0.6742



21.6965, 0.0993, 0.3587

Sweetspot

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



21.6973, 0.2631, 0.1410



66.0820, 0.3023, 0.2719



22.1884, 0.1870, 0.1572



13.3991, 0.3008, 0.2644



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.



21.6973, 0.2631, 0.1410



18.1830, 0.2501, 0.1193



28.8392, 0.3567, 0.1931



17.2344, 0.3087, 0.3053



8.3486, 0.2426, 0.1110



0.8297, 0.2521, 0.1162

Inverse Universe

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



25.3470, 0.4886, 0.2781



23.0041, 0.5424, 0.2840



69.7825, 0.2918, 0.5316



17.3153, 0.3244, 0.3216



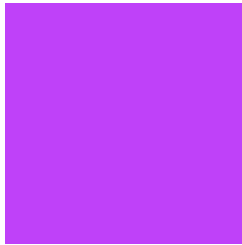
11.1008, 0.5712, 0.2921



1.0464, 0.5377, 0.2736

Previews

White Background



This preview shows how the Yxy color 21.6965, 0.2631, 0.1410 looks on a white background.

Color Contrast Check

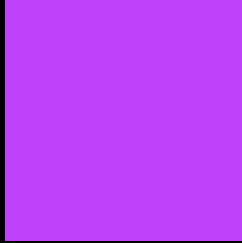
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6965, 0.2631, 0.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

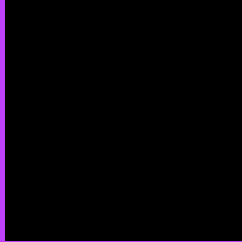
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6965, 0.2631, 0.1410

Background



This preview shows how black text looks on a background with the Yxy color 21.6965, 0.2631, 0.1410.



This preview shows how white text looks on a background with the Yxy color 21.6965, 0.2631, 0.1410.

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

21.6965, 0.2631, 0.1410

Protanopia

22.0666, 0.1792, 0.1515

Deuteranopia

22.0021, 0.1830, 0.1786



Tritanopia

21.6023, 0.3812, 0.3170

Trichromacy



Original Color

21.6965, 0.2631, 0.1410



Protanomaly

19.1720, 0.1921, 0.1354



Deuteranomaly

17.9536, 0.1863, 0.1445



Tritanomaly

20.4394, 0.3313, 0.2301

Monochromacy



Original Color

21.6965, 0.2631, 0.1410



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

18.8610, 0.2919, 0.2273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6965, 0.2631, 0.1410 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(191, 65, 249)` looks like.

```
.text, #text, p{  
    color:rgb(191, 65, 249)  
}
```

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(191, 65, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 65, 249) }
```

Border

The CSS property to change the border of an element to Yxy 21.6965, 0.2631, 0.1410 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(191, 65, 249) }
```

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

```
.border{ border-color:rgb(191, 65, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 65, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 65, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 65, 249);  
box-shadow:4px 4px 4px 4px rgb(191, 65,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6965, 0.2631, 0.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 65, 249) }
```

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

```
.background{ background-color: rgb(191, 65,  
249) }
```

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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