

Converting Colors

Yxy(21.6616, 0.2731, 0.1342)

Have a look what the booklet for
Yxy(21.6616, 0.2731, 0.1342)
contains.

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Color

Yxy(21.6007, 0.2729, 0.1340)

Conversions

Conversions Part 1

Format	Color
Hex	CE25FE
RGB	206, 37, 254
RGB Percent	81%, 15%, 100%
CMY	0.1924, 0.8543, 0.0040
CMYK	0.19, 0.85, 0.00, 0.00
HSL	287°, 99%, 57%
HSV	287°, 85%, 100%
XYZ	43.9913, 21.6007, 95.6073
YIQ	112.2690, 31.0670, 103.3150

Conversions

Conversions Part 2

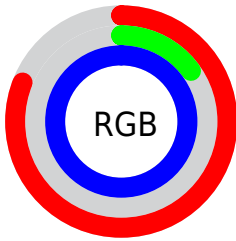
Format	Color
R _Y B	206, 37, 254
Decimal	13510142
CIE Lab	53.60, 86.76, -71.52
CIE LCh	54, 112.436, 320.502
Yxy	21.6007, 0.2729, 0.1340
Android (android.graphics.Color)	4291700222 (0xFFCE25FE)
YUV	112.2690, 69.8734, 82.2021
Hunter-Lab	46.4766, 87.6210, -89.4323

Details

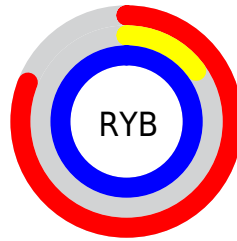
The Yxy color **21.6007, 0.2729, 0.1340** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **72.9517, 0.3132, 0.5778**, and the grayscale version is **16.0924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2051, 0.3191, 0.1935**, and **10.0965, 0.2569, 0.1189** is the 20% darker color. If you saturate the color by 10%, you get **19.7352, 0.2670, 0.1257**, and if you desaturate by 10%, it is **24.5940, 0.2789, 0.1470**.

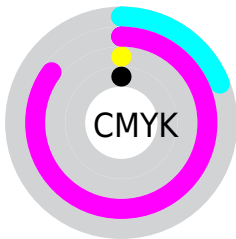
Distribution



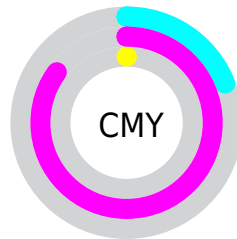
- Red (81%)
- Green (15%)
- Blue (100%)



- Red (81%)
- Yellow (15%)
- Blue (100%)



- Cyan (19%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6007, 0.2729, 0.1340 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 21.6007, 0.2729, 0.1340 by changing the saturation by 10% instead.


 21.6007, 0.2729,
0.1340


 21.6007, 0.2729,
0.1340


260.4539, 0.2993,
0.2205


 13.5638, 0.2650,
0.1165


 46.0851, 0.2836,
0.1625

 7.8179, 0.2543,
0.0963


 63.3015, 0.2874,
0.1741

 3.9787, 0.2397,
0.0735


 84.3464, 0.2904,
0.1842

 1.6616, 0.2190,
0.0486

 109.6043, 0.2928,
0.1932

 0.3986, 0.1899,
0.0198

 139.4597, 0.2949,
0.2012

 0.0000, 0.1468,
0.0000


174.2968, 0.2966,

 0.0000, 0.0751,

0.2083


0.0000

214.5000, 0.2981,
0.2147


 0.0000, 0.0000,
0.0000


 21.6007, 0.2729,
0.1340


 21.6007, 0.2729,
0.1340


 19.7352, 0.2670,
0.1257


 24.5940, 0.2789,
0.1470

 19.1220, 0.2643,
0.1230

 28.9085, 0.2849,
0.1646

 34.7036, 0.2907,
0.1861

 42.1154, 0.2960,
0.2105

 51.2644, 0.3007,
0.2366

62.2594, 0.3049,
0.2635

75.2002, 0.3084,
0.2901

90.1796, 0.3114,
0.3158

99.9351, 0.3133,
0.3300

Harmonies

Analogous

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



21.6007, 0.1436, 0.1043



21.6007, 0.2729, 0.1340



21.6007, 0.4772, 0.1954

Triad

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



21.6007, 0.2729, 0.1340



21.6007, 0.5323, 0.4677



21.6007, 0.0682, 0.2624

Complementary

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



21.6007, 0.2729, 0.1340



72.9517, 0.3132, 0.5778

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.



21.6007, 0.1256, 0.5275



21.6007, 0.2729, 0.1340



21.6007, 0.3839, 0.6161

Square

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



21.6007, 0.2729, 0.1340



21.6007, 0.6393, 0.3542



21.6007, 0.2415, 0.7076



21.6007, 0.0601, 0.1431

Rectangle

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



21.6007, 0.2729, 0.1340



21.6007, 0.6005, 0.2465



21.6007, 0.2415, 0.7076



21.6007, 0.0801, 0.3348

Sweetspot

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



21.6016, 0.2729, 0.1340



62.0659, 0.3047, 0.2618



14.4890, 0.1676, 0.1098



12.4245, 0.3033, 0.2525



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.



21.6016, 0.2729, 0.1340



19.2939, 0.2643, 0.1230



26.3944, 0.3885, 0.1990



18.0855, 0.3102, 0.3053



10.1505, 0.2653, 0.1235



1.0359, 0.2719, 0.1271

Inverse Universe

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



23.0603, 0.5604, 0.2993



21.5504, 0.6058, 0.3111



72.0987, 0.2876, 0.5417



18.0530, 0.3259, 0.3238



11.2787, 0.6021, 0.3090



1.1137, 0.5714, 0.2921

Previews

White Background



This preview shows how the Yxy color 21.6007, 0.2729, 0.1340 looks on a white background.

Color Contrast Check

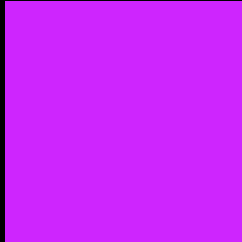
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6007, 0.2729, 0.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

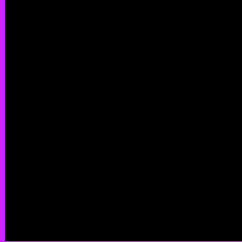
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6007, 0.2729, 0.1340

Background



This preview shows how black text looks on a background with the Yxy color 21.6007, 0.2729, 0.1340.



This preview shows how white text looks on a background with the Yxy color 21.6007, 0.2729, 0.1340.

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

21.6007, 0.2729, 0.1340

Protanopia

22.0286, 0.1788, 0.1514

Deuteranopia

21.9458, 0.1832, 0.1795



Tritanopia

21.4874, 0.4173, 0.3195

Trichromacy



Original Color

21.6007, 0.2729, 0.1340



Protanomaly

17.4710, 0.1910, 0.1240



Deuteranomaly

16.2772, 0.1856, 0.1327



Tritanomaly

19.7191, 0.3577, 0.2241

Monochromacy



Original Color

21.6007, 0.2729, 0.1340



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

15.2883, 0.2946, 0.2066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6007, 0.2729, 0.1340 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(206, 37, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 37, 254)  
}
```

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(206, 37, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 37, 254) }
```

Border

The CSS property to change the border of an element to Yxy 21.6007, 0.2729, 0.1340 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(206, 37, 254) }
```

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

```
.border{ border-color:rgb(206, 37, 254) }
```

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

Here you see how a box with a 4 pixel rgb(206, 37, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 37, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 37, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 37,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6007, 0.2729, 0.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 37, 254) }
```

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

```
.background{ background-color: rgb(206, 37,  
254) }
```

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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