

Converting Colors

$Y_{xy}(23.5008, 0.2747, 0.1431)$

Have a look what the booklet for
Yxy(23.5008, 0.2747, 0.1431)
contains.

Yxy(23.5491, 0.2744, 0.1430)	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(23.5491, 0.2744, 0.1430)

Conversions

Conversions Part 1

Format	Color
Hex	CF3BFE
RGB	207, 59, 254
RGB Percent	81%, 23%, 100%
CMY	0.1882, 0.7687, 0.0039
CMYK	0.19, 0.77, 0.00, 0.00
HSL	286°, 99%, 61%
HSV	286°, 77%, 100%
XYZ	45.1879, 23.5491, 95.9420
YIQ	125.4820, 25.6130, 92.0210

Conversions

Conversions Part 2

Format	Color
R _{YB}	207, 59, 254
Decimal	13581310
CIE _{Lab}	55.63, 81.47, -68.23
CIE _{LCh}	56, 106.273, 320.054
Yxy	23.5491, 0.2744, 0.1430
Android (android.graphics.Color)	4291771390 (0xFFCF3BFE)
YUV	125.4820, 63.3594, 71.4913
Hunter-Lab	48.5274, 81.2933, -83.2512

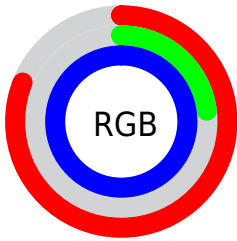
Details

The Yxy color **23.5491, 0.2744, 0.1430** is a light color, and the websafe version is hex **CC33FF**.

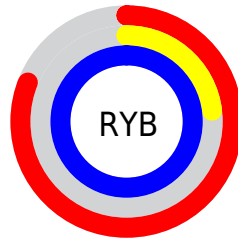
The color can be described as light washed magenta. A complement of this color would be **74.2732, 0.3179, 0.5597**, and the grayscale version is **20.4544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3991, 0.3186, 0.2039**, and **10.1886, 0.2581, 0.1196** is the 20% darker color. If you saturate the color by 10%, you get **20.6787, 0.2678, 0.1303**, and if you desaturate by 10%, it is **27.7240, 0.2810, 0.1604**.

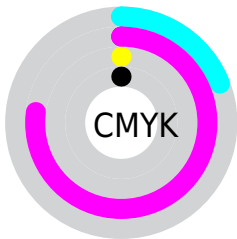
Distribution



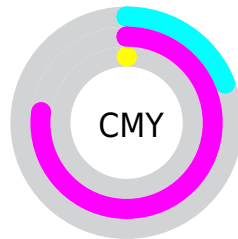
- Red (81%)
- Green (23%)
- Blue (100%)



- Red (81%)
- Yellow (23%)
- Blue (100%)



- Cyan (19%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5491, 0.2744, 0.1430 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 23.5491, 0.2744, 0.1430 by changing the saturation by 10% instead.


 23.5491, 0.2744,
0.1430


 23.5491, 0.2744,
0.1430


270.5329, 0.2993,
0.2260


 14.9995, 0.2670,
0.1259


 49.2934, 0.2845,
0.1705

 8.8190, 0.2571,
0.1061


 67.2568, 0.2880,
0.1816


 4.6233, 0.2434,
0.0833


 89.1270, 0.2908,
0.1914

 2.0280, 0.2241,
0.0578

 115.2884, 0.2931,
0.2000

 0.6237, 0.1962,
0.0302

 146.1252, 0.2951,
0.2076

 0.0000, 0.1562,
0.0000

182.0220, 0.2967,

 0.0000, 0.0891,

0.2144

0.0000

223.3631, 0.2981,
0.2205

■ 0.0000, 0.0000,
0.0000

■ 23.5491, 0.2744,
0.1430

■ 23.5491, 0.2744,
0.1430

■ 20.6787, 0.2678,
0.1303

■ 27.7240, 0.2810,
0.1604

■ 18.9046, 0.2614,
0.1223

■ 33.3636, 0.2873,
0.1818

■ 18.4660, 0.2594,
0.1203

■ 40.6075, 0.2933,
0.2062

■ 49.5781, 0.2986,
0.2325

■ 60.3860, 0.3033,
0.2595

73.1322, 0.3074,
0.2864

87.9104, 0.3108,
0.3122

99.9367, 0.3133,
0.3299

Harmonies

Analogous

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



23.5491, 0.1515, 0.1141



23.5491, 0.2744, 0.1430



23.5491, 0.4627, 0.2028

Triad

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



23.5491, 0.2744, 0.1430



23.5491, 0.5306, 0.4694



23.5491, 0.0805, 0.2733

Complementary

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



23.5491, 0.2744, 0.1430



74.2732, 0.3179, 0.5597

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.



23.5491, 0.1410, 0.5138



23.5491, 0.2744, 0.1430



23.5491, 0.3947, 0.6053

Square

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



23.5491, 0.2744, 0.1430



23.5491, 0.6239, 0.3606



23.5491, 0.2567, 0.6772



23.5491, 0.0699, 0.1556

Rectangle

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



23.5491, 0.2744, 0.1430



23.5491, 0.5776, 0.2532



23.5491, 0.2567, 0.6772



23.5491, 0.0937, 0.3411

Sweetspot

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



23.5500, 0.2744, 0.1430



65.5345, 0.3049, 0.2697



18.7584, 0.1790, 0.1341



13.0795, 0.3034, 0.2599



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.



23.5500, 0.2744, 0.1430



19.8016, 0.2644, 0.1255



28.6212, 0.3748, 0.2005



18.0668, 0.3099, 0.3053



9.8059, 0.2604, 0.1208



1.0051, 0.2676, 0.1248

Inverse Universe

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



25.2415, 0.5212, 0.2921



22.3097, 0.5773, 0.3006



72.9002, 0.2875, 0.5247



18.0589, 0.3256, 0.3233



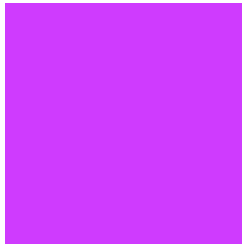
11.3069, 0.5963, 0.3059



1.1172, 0.5651, 0.2887

Previews

White Background



This preview shows how the Yxy color 23.5491, 0.2744, 0.1430 looks on a white background.

Color Contrast Check

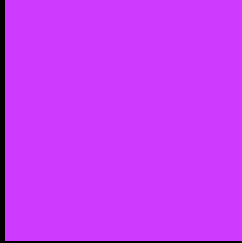
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5491, 0.2744, 0.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

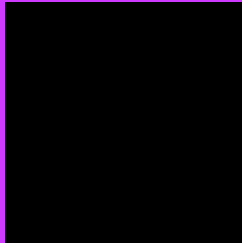
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5491, 0.2744, 0.1430

Background



This preview shows how black text looks on a background with the Yxy color 23.5491, 0.2744, 0.1430.



This preview shows how white text looks on a background with the Yxy color 23.5491, 0.2744, 0.1430.

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

23.5491, 0.2744, 0.1430

Protanopia

23.8503, 0.1856, 0.1597

Deuteranopia

23.9592, 0.1826, 0.1772



Tritanopia

23.3922, 0.4046, 0.3181

Trichromacy



Original Color

23.5491, 0.2744, 0.1430



Protanomaly

20.6313, 0.2022, 0.1399



Deuteranomaly

18.8748, 0.1868, 0.1416



Tritanomaly

22.0835, 0.3515, 0.2324

Monochromacy



Original Color

23.5491, 0.2744, 0.1430



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.2545, 0.2970, 0.2232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5491, 0.2744, 0.1430 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(207, 59, 254)` looks like.

```
.text, #text, p{  
    color:rgb(207, 59, 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(207, 59, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 59, 254) }
```

Border

The CSS property to change the border of an element to Yxy 23.5491, 0.2744, 0.1430 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(207, 59, 254) }
```

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

```
.border{ border-color:rgb(207, 59, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 59, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 59, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 59, 254);  
box-shadow:4px 4px 4px 4px rgb(207, 59,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5491, 0.2744, 0.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 59, 254) }
```

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

```
.background{ background-color: rgb(207, 59,  
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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