

Converting Colors

$Y_{xy}(25.9924, 0.2688, 0.1543)$

Have a look what the booklet for
Yxy(25.9924, 0.2688, 0.1543)
contains.

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Color

Yxy(25.9782, 0.2689, 0.1542)

Conversions

Conversions Part 1

Format	Color
Hex	C954FF
RGB	201, 84, 255
RGB Percent	79%, 33%, 100%
CMY	0.2117, 0.6705, 0.0002
CMYK	0.21, 0.67, 0.00, 0.00
HSL	281°, 100%, 66%
HSV	281°, 67%, 100%
XYZ	45.3018, 25.9782, 97.1908
YIQ	138.4770, 14.8410, 77.9850

Conversions

Conversions Part 2

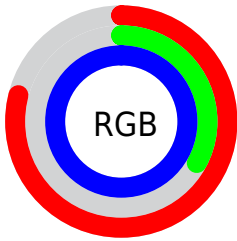
Format	Color
R _Y B	201, 84, 255
Decimal	13194495
CIE Lab	58.02, 71.53, -64.95
CIE LCh	58, 96.622, 317.759
Yxy	25.9782, 0.2689, 0.1542
Android (android.graphics.Color)	4291384575 (0xFFC954FF)
YUV	138.4770, 57.4458, 54.8327
Hunter-Lab	50.9688, 69.4579, -77.3801

Details

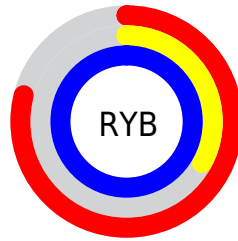
The Yxy color **25.9782, 0.2689, 0.1542** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **77.5281, 0.3271, 0.5303**, and the grayscale version is **25.3829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5298, 0.3179, 0.2195**, and **10.0698, 0.2512, 0.1183** is the 20% darker color. If you saturate the color by 10%, you get **21.6285, 0.2602, 0.1354**, and if you desaturate by 10%, it is **31.8276, 0.2774, 0.1770**.

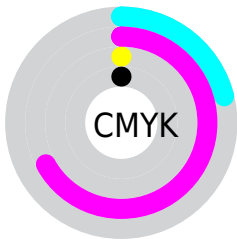
Distribution



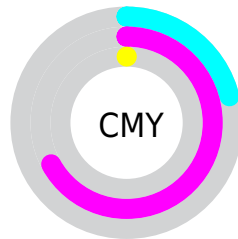
- Red (79%)
- Green (33%)
- Blue (100%)



- Red (79%)
- Yellow (33%)
- Blue (100%)



- Cyan (21%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9782, 0.2689, 0.1542 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 25.9782, 0.2689, 0.1542 by changing the saturation by 10% instead.

 25.9782, 0.2689,
0.1542


 25.9782, 0.2689,
0.1542


282.6750, 0.2956,
0.2329


 16.8073, 0.2613,
0.1377

 53.2398, 0.2794,
0.1805


 10.0972, 0.2513,
0.1184


 72.0993, 0.2831,
0.1911

 5.4635, 0.2377,
0.0958


 94.9571, 0.2862,
0.2003

 2.5217, 0.2186,
0.0698

 122.1977, 0.2887,
0.2084

 0.8875, 0.1911,
0.0416

154.2053, 0.2908,
0.2156

 0.0000, 0.1535,
0.0000

191.3645, 0.2927,

 0.0000, 0.0876,

0.2220


0.0000

234.0596, 0.2942,
0.2277


 0.0000, 0.0000,
0.0000


 25.9782, 0.2689,
0.1542


 25.9782, 0.2689,
0.1542


 21.6285, 0.2602,
0.1354


 31.8276, 0.2774,
0.1770


 18.6099, 0.2516,
0.1214

 39.3148, 0.2855,
0.2028


 16.7120, 0.2434,
0.1123

 48.5652, 0.2928,
0.2301

 16.2717, 0.2411,
0.1102

 59.6910, 0.2993,
0.2580

 72.7948, 0.3050,
0.2853

 87.9718, 0.3098,
0.3115

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



25.9782, 0.1591, 0.1284



25.9782, 0.2689, 0.1542



25.9782, 0.4336, 0.2096

Triad

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



25.9782, 0.2689, 0.1542



25.9782, 0.5302, 0.4628



25.9782, 0.1015, 0.2964

Complementary

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



25.9782, 0.2689, 0.1542



77.5281, 0.3271, 0.5303

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.



25.9782, 0.1679, 0.5061



25.9782, 0.2689, 0.1542



25.9782, 0.4103, 0.5773

Square

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



25.9782, 0.2689, 0.1542



25.9782, 0.6027, 0.3637



25.9782, 0.2822, 0.6359



25.9782, 0.0855, 0.1780

Rectangle

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



25.9782, 0.2689, 0.1542



25.9782, 0.5388, 0.2580



25.9782, 0.2822, 0.6359



25.9782, 0.1171, 0.3592

Sweetspot

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



25.9792, 0.2689, 0.1542



68.7399, 0.3034, 0.2773



27.3223, 0.1971, 0.1748



13.9169, 0.3019, 0.2697



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.



25.9792, 0.2689, 0.1542



20.6148, 0.2576, 0.1307



32.9552, 0.3517, 0.2006



17.9961, 0.3087, 0.3052



8.5894, 0.2424, 0.1109



0.8947, 0.2515, 0.1159

Inverse Universe

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



29.4284, 0.4641, 0.2788



24.8742, 0.5108, 0.2790



74.6194, 0.2920, 0.5124



18.0815, 0.3244, 0.3215



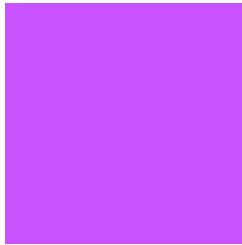
11.4388, 0.5713, 0.2921



1.1326, 0.5393, 0.2744

Previews

White Background



This preview shows how the Yxy color 25.9782, 0.2689, 0.1542 looks on a white background.

Color Contrast Check

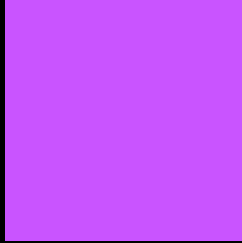
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9782, 0.2689, 0.1542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

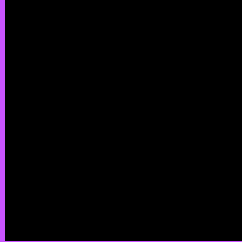
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9782, 0.2689, 0.1542

Background



This preview shows how black text looks on a background with the Yxy color 25.9782, 0.2689, 0.1542.



This preview shows how white text looks on a background with the Yxy color 25.9782, 0.2689, 0.1542.

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

25.9782, 0.2689, 0.1542

Protanopia

26.4480, 0.1941, 0.1711

Deuteranopia

26.2852, 0.1907, 0.1842



Tritanopia

25.7769, 0.3747, 0.3162

Trichromacy



Original Color

25.9782, 0.2689, 0.1542



Protanomaly

24.1535, 0.2112, 0.1566



Deuteranomaly

23.2744, 0.2047, 0.1609



Tritanomaly

24.9304, 0.3309, 0.2399

Monochromacy



Original Color

25.9782, 0.2689, 0.1542



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

23.8701, 0.2947, 0.2383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9782, 0.2689, 0.1542 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, 84, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 84, 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(201, 84, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 84, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.9782, 0.2689, 0.1542 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, 84, 255) }
```

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

```
.border{ border-color:rgb(201, 84, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 84, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 84, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 84, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 84,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9782, 0.2689, 0.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 84, 255) }
```

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

```
.background{ background-color: rgb(201, 84,  
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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