

Converting Colors

Yxy(30.5534, 0.2757, 0.1723)

Have a look what the booklet for
Yxy(30.5534, 0.2757, 0.1723)
contains.

Yxy(30.5885, 0.2753, 0.1725)	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(30.5885, 0.2753, 0.1725)

Conversions

Conversions Part 1

Format	Color
Hex	CF69FF
RGB	207, 105, 255
RGB Percent	81%, 41%, 100%
CMY	0.1885, 0.5880, 0.0001
CMYK	0.19, 0.59, 0.00, 0.00
HSL	281°, 100%, 71%
HSV	281°, 59%, 100%
XYZ	48.8175, 30.5885, 97.9187
YIQ	152.5980, 12.6420, 68.2740

Conversions

Conversions Part 2

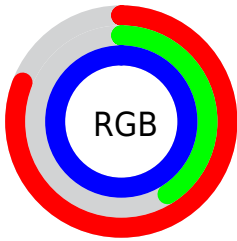
Format	Color
R_{YB}	207, 105, 255
Decimal	13593087
CIE _{Lab}	62.16, 63.53, -58.29
CIE _{LCh}	62, 86.220, 317.462
Yxy	30.5885, 0.2753, 0.1725
Android (android.graphics.Color)	4291783167 (0xFFCF69FF)
YUV	152.5980, 50.4842, 47.7106
Hunter-Lab	55.3069, 60.7688, -66.2558

Details

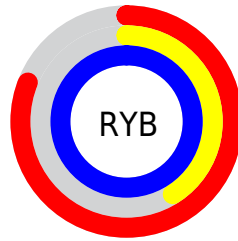
The Yxy color **30.5885, 0.2753, 0.1725** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **79.3075, 0.3283, 0.5060**, and the grayscale version is **31.4499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6216, 0.3171, 0.2366**, and **12.6174, 0.2613, 0.1399** is the 20% darker color. If you saturate the color by 10%, you get **25.0020, 0.2666, 0.1502**, and if you desaturate by 10%, it is **37.7951, 0.2836, 0.1979**.

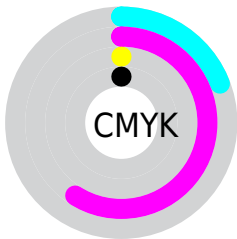
Distribution



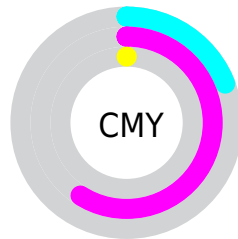
- Red (81%)
- Green (41%)
- Blue (100%)



- Red (81%)
- Yellow (41%)
- Blue (100%)



- Cyan (19%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5885, 0.2753, 0.1725 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 30.5885, 0.2753, 0.1725 by changing the saturation by 10% instead.


 30.5885, 0.2753,
0.1725


 30.5885, 0.2753,
0.1725


304.6380, 0.2976,
0.2433

 20.2857, 0.2690,
0.1573


 60.5916, 0.2840,
0.1964


 12.6029, 0.2608,
0.1393


 81.0607, 0.2871,
0.2059

 7.1557, 0.2495,
0.1178


 105.6874, 0.2897,
0.2142

 3.5596, 0.2337,
0.0923

 134.8560, 0.2918,
0.2215

 1.4304, 0.2105,
0.0626

168.9510, 0.2936,
0.2279

 0.2390, 0.1777,
0.0196

208.3568, 0.2951,

 0.0000, 0.1234,


0.2336


0.0000


253.4576, 0.2964,
0.2387

 0.0000, 0.0000,
0.0000

 30.5885, 0.2753,
0.1725


 30.5885, 0.2753,
0.1725


 25.0020, 0.2666,
0.1502


 37.7951, 0.2836,
0.1979

 20.8870, 0.2578,
0.1321

 46.7450, 0.2912,
0.2251


 18.0734, 0.2491,
0.1189

 57.5537, 0.2980,
0.2530

 16.3136, 0.2409,
0.1104

 70.3254, 0.3039,
0.2806

 16.1344, 0.2399,
0.1095

 85.1565, 0.3090,
0.3070

99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



30.5885, 0.1762, 0.1485



30.5885, 0.2753, 0.1725



30.5885, 0.4157, 0.2240

Triad

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



30.5885, 0.2753, 0.1725



30.5885, 0.5138, 0.4597



30.5885, 0.1261, 0.3073

Complementary

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



30.5885, 0.2753, 0.1725



79.3075, 0.3283, 0.5060

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.



30.5885, 0.1914, 0.4770



30.5885, 0.2753, 0.1725



30.5885, 0.4127, 0.5518

Square

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



30.5885, 0.2753, 0.1725



30.5885, 0.5693, 0.3711



30.5885, 0.2975, 0.5859



30.5885, 0.1074, 0.1997

Rectangle

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



30.5885, 0.2753, 0.1725



30.5885, 0.5046, 0.2694



30.5885, 0.2975, 0.5859



30.5885, 0.1422, 0.3599

Sweetspot

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



30.5897, 0.2753, 0.1725



71.4466, 0.3044, 0.2827



33.6777, 0.2113, 0.1999



14.4421, 0.3027, 0.2748



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.



30.5897, 0.2753, 0.1725



23.9796, 0.2646, 0.1458



37.0827, 0.3432, 0.2101



17.9915, 0.3086, 0.3052



8.5161, 0.2412, 0.1102



0.8879, 0.2504, 0.1153

Inverse Universe

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



33.6731, 0.4350, 0.2814



27.8158, 0.4769, 0.2773



76.1246, 0.2940, 0.4906



18.0830, 0.3244, 0.3214



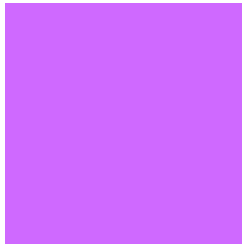
11.4488, 0.5695, 0.2911



1.1337, 0.5375, 0.2735

Previews

White Background



This preview shows how the Yxy color 30.5885, 0.2753, 0.1725 looks on a white background.

Color Contrast Check

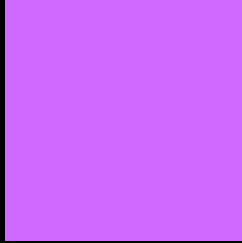
Large Text (above 18pt) WCAG AA × Fail

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 30.5885, 0.2753, 0.1725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

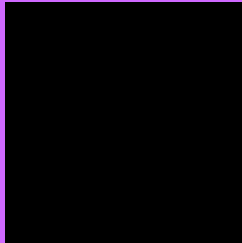
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5885, 0.2753, 0.1725

Background



This preview shows how black text looks on a background with the Yxy color 30.5885, 0.2753, 0.1725.



This preview shows how white text looks on a background with the Yxy color 30.5885, 0.2753, 0.1725.

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

30.5885, 0.2753, 0.1725

Protanopia

30.9710, 0.2080, 0.1890

Deuteranopia

30.9607, 0.2068, 0.2006



Tritanopia

30.3194, 0.3642, 0.3154

Trichromacy



Original Color

30.5885, 0.2753, 0.1725



Protanomaly

29.3852, 0.2260, 0.1781



Deuteranomaly

28.8763, 0.2241, 0.1833



Tritanomaly

29.6538, 0.3283, 0.2514

Monochromacy



Original Color

30.5885, 0.2753, 0.1725



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.2103, 0.2989, 0.2555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5885, 0.2753, 0.1725 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, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 105, 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(207, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 105, 255) }
```

Border

The CSS property to change the border of an element to Yxy 30.5885, 0.2753, 0.1725 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, 105, 255) }
```

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

```
.border{ border-color:rgb(207, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 105,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5885, 0.2753, 0.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 105, 255) }
```

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

```
.background{ background-color: rgb(207,  
105, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor