

Converting Colors

$Y_{xy}(29.2713, 0.2196, 0.1766)$

Have a look what the booklet for
Yxy(29.2713, 0.2196, 0.1766)
contains.

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Color

Yxy(29.1757, 0.2206, 0.1783)

Conversions

Conversions Part 1

Format	Color
Hex	8486FF
RGB	132, 134, 255
RGB Percent	52%, 53%, 100%
CMY	0.4822, 0.4746, 0.0000
CMYK	0.48, 0.47, 0.00, 0.00
HSL	239°, 100%, 76%
HSV	239°, 48%, 100%
XYZ	36.0974, 29.1757, 98.3596
YIQ	147.1960, -40.0330, 37.2070

Conversions

Conversions Part 2

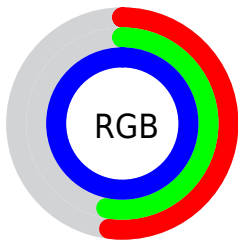
Format	Color
R_{YB}	132, 134, 255
Decimal	8685311
CIE _{Lab}	60.94, 30.47, -60.69
CIE _{LCh}	61, 67.907, 296.658
Yxy	29.1757, 0.2206, 0.1783
Android (android.graphics.Color)	4286875391 (0xFF8486FF)
YUV	147.1960, 53.1474, -13.3269
Hunter-Lab	54.0145, 24.7643, -70.1559

Details

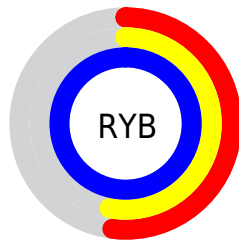
The Yxy color **29.1757, 0.2206, 0.1783** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.2054, 0.3848, 0.4452**, and the grayscale version is **29.0521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8370, 0.2689, 0.2526**, and **11.8678, 0.1940, 0.1446** is the 20% darker color. If you saturate the color by 10%, you get **21.2314, 0.1996, 0.1436**, and if you desaturate by 10%, it is **39.2662, 0.2422, 0.2139**.

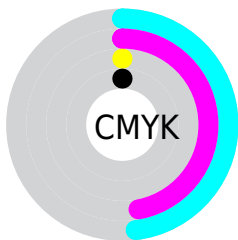
Distribution



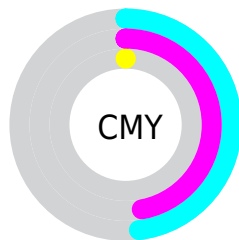
- Red (52%)
- Green (53%)
- Blue (100%)



- Red (52%)
- Yellow (53%)
- Blue (100%)



- Cyan (48%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)




- Cyan (48%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1757, 0.2206, 0.1783 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 29.1757, 0.2206, 0.1783 by changing the saturation by 10% instead.


 29.1757, 0.2206,
0.1783


 29.1757, 0.2206,
0.1783

298.0431, 0.2685,
0.2494

 19.2138, 0.2088,
0.1625


 58.3561, 0.2380,
0.2028

 11.8248, 0.1939,
0.1436


 78.3434, 0.2446,
0.2124

 6.6245, 0.1748,
0.1207


 102.4413, 0.2501,
0.2207

 3.2284, 0.1500,
0.0933

131.0341, 0.2549,
0.2279

 1.2521, 0.1175,
0.0614

164.5063, 0.2590,
0.2343

 0.1037, 0.0778,
0.0096

203.2423, 0.2626,

 0.0000, 0.0000,

0.2399

0.0000

247.6264, 0.2657,
0.2449

■ 29.1757, 0.2206,
0.1783

■ 29.1757, 0.2206,
0.1783

■ 21.2314, 0.1996,
0.1436

■ 39.2662, 0.2422,
0.2139

■ 15.2802, 0.1807,
0.1122

■ 51.6456, 0.2632,
0.2482

■ 11.1449, 0.1657,
0.0871

■ 66.4412, 0.2825,
0.2798

■ 8.6184, 0.1556,
0.0701

■ 83.7718, 0.3000,
0.3082

■ 7.4341, 0.1508,
0.0616

100.0000, 0.3127,
0.3290

■ 7.3080, 0.1502,
0.0607

Harmonies

Analogous

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



29.1757, 0.1616, 0.1763



29.1757, 0.2206, 0.1783



29.1757, 0.3169, 0.2076

Triad

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



29.1757, 0.2206, 0.1783



29.1757, 0.5208, 0.3979



29.1757, 0.1935, 0.4044

Complementary

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



29.1757, 0.2206, 0.1783



93.2054, 0.3848, 0.4452

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.



29.1757, 0.2783, 0.5140



29.1757, 0.2206, 0.1783



29.1757, 0.4663, 0.4734

Square

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



29.1757, 0.2206, 0.1783



29.1757, 0.5124, 0.3256



29.1757, 0.3775, 0.5303



29.1757, 0.1463, 0.2823

Rectangle

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



29.1757, 0.2206, 0.1783



29.1757, 0.3939, 0.2403



29.1757, 0.3775, 0.5303



29.1757, 0.2184, 0.4475

Sweetspot

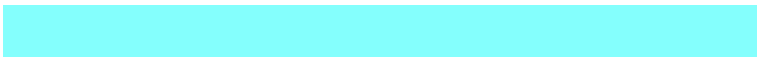
The Sweet Spot groups the original color and five complimentary colors.



29.1749, 0.2206, 0.1783



73.4437, 0.2901, 0.2923



83.5168, 0.2498, 0.3311



14.9419, 0.2863, 0.2860



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.



29.1749, 0.2206, 0.1783



21.3860, 0.2000, 0.1443



34.8682, 0.2638, 0.1920



17.4240, 0.2978, 0.3048



3.8386, 0.1503, 0.0610



0.3893, 0.1509, 0.0632

Inverse Universe

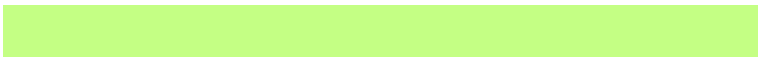
The Inverse Universe completely reimagines the original color for something new.



39.4921, 0.4460, 0.3274



32.9101, 0.4902, 0.3273



84.8644, 0.3431, 0.4653



17.9918, 0.3292, 0.3287



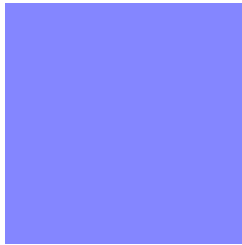
11.1155, 0.6385, 0.3291



1.0838, 0.6346, 0.3270

Previews

White Background



This preview shows how the Yxy color 29.1757, 0.2206, 0.1783 looks on a white background.

Color Contrast Check

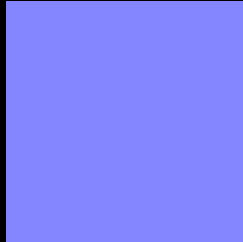
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1757, 0.2206, 0.1783 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 29.1757, 0.2206, 0.1783

Background



This preview shows how black text looks on a background with the Yxy color 29.1757, 0.2206, 0.1783.



This preview shows how white text looks on a background with the Yxy color 29.1757, 0.2206, 0.1783.

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

29.1757, 0.2206, 0.1783

Protanopia

29.3517, 0.2036, 0.1828

Deuteranopia

29.4014, 0.1953, 0.1884



Tritanopia

28.9654, 0.2595, 0.3072

Trichromacy



Original Color

29.1757, 0.2206, 0.1783

Protanomaly

29.2274, 0.2090, 0.1810

Deuteranomaly

28.9609, 0.2021, 0.1837

Tritanomaly

28.6358, 0.2428, 0.2500

Monochromacy



Original Color

29.1757, 0.2206, 0.1783

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6420, 0.2730, 0.2634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1757, 0.2206, 0.1783 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(132, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 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(132, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 255) }
```

Border

The CSS property to change the border of an element to Yxy 29.1757, 0.2206, 0.1783 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(132, 134, 255) }
```

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

```
.border{ border-color:rgb(132, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1757, 0.2206, 0.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 255) }
```

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

```
.background{ background-color: rgb(132,  
134, 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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