

Converting Colors

$Y_{xy}(26.7008, 0.2253, 0.1725)$

Have a look what the booklet for
Yxy(26.7008, 0.2253, 0.1725)
contains.

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Color

Yxy(26.6581, 0.2253, 0.1727)

Conversions

Conversions Part 1

Format	Color
Hex	8A7CF9
RGB	138, 124, 249
RGB Percent	54%, 49%, 98%
CMY	0.4591, 0.5136, 0.0236
CMYK	0.45, 0.50, 0.00, 0.02
HSL	247°, 91%, 73%
HSV	247°, 50%, 98%
XYZ	34.7775, 26.6581, 92.9252
YIQ	142.4360, -31.7810, 41.8430

Conversions

Conversions Part 2

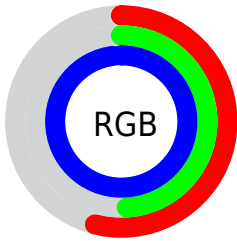
Format	Color
R _Y B	138, 124, 249
Decimal	9075961
CIE Lab	58.66, 35.83, -60.99
CIE LCh	59, 70.734, 300.430
Yxy	26.6581, 0.2253, 0.1727
Android (android.graphics.Color)	4287266041 (0xFF8A7CF9)
YUV	142.4360, 52.5361, -3.8904
Hunter-Lab	51.6315, 29.8773, -70.5668

Details

The Yxy color **26.6581, 0.2253, 0.1727** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **86.8767, 0.3764, 0.4555**, and the grayscale version is **27.0273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4000, 0.2714, 0.2420**, and **10.5002, 0.1985, 0.1366** is the 20% darker color. If you saturate the color by 10%, you get **19.4869, 0.2052, 0.1391**, and if you desaturate by 10%, it is **35.7908, 0.2456, 0.2076**.

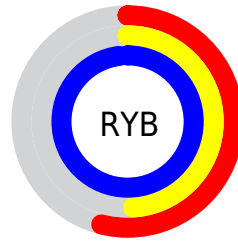
Distribution



Red (54%)

Green (49%)

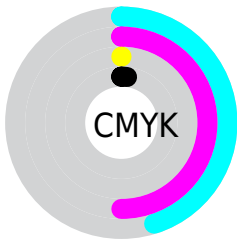
Blue (98%)



Red (54%)

Yellow (49%)

Blue (98%)

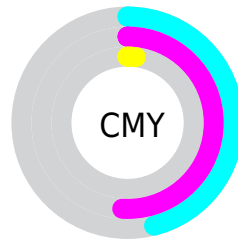


Cyan (45%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (46%)


Magenta (51%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6581, 0.2253, 0.1727 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 26.6581, 0.2253, 0.1727 by changing the saturation by 10% instead.


 26.6581, 0.2253,
0.1727


 26.6581, 0.2253,
0.1727


285.9979, 0.2718,
0.2467


 17.3166, 0.2135,
0.1563


 54.3347, 0.2425,
0.1982

 10.4605, 0.1986,
0.1366


 73.4387, 0.2489,
0.2082

 5.7053, 0.1791,
0.1130


 96.5656, 0.2542,
0.2168

 2.6667, 0.1536,
0.0848

124.0998, 0.2588,
0.2244

 0.9603, 0.1197,
0.0527

156.4257, 0.2627,
0.2310

 0.0000, 0.0774,
0.0000


193.9278, 0.2662,

 0.0000, 0.0000,


0.2368

0.0000


236.9904, 0.2691,
0.2420


 26.6581, 0.2253,
0.1727


 26.6581, 0.2253,
0.1727

 19.4869, 0.2052,
0.1391


 35.7908, 0.2456,
0.2076


 14.1300, 0.1867,
0.1092


 47.0122, 0.2649,
0.2417


 10.4238, 0.1712,
0.0856

 60.4419, 0.2827,
0.2736

 8.1736, 0.1599,
0.0698

 76.1895, 0.2986,
0.3027

 7.0816, 0.1532,
0.0617

 94.3575, 0.3125,
0.3285

99.6188, 0.3162,
0.3347

Harmonies

Analogous

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



26.6581, 0.1590, 0.1665



26.6581, 0.2253, 0.1727



26.6581, 0.3317, 0.2065

Triad

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



26.6581, 0.2253, 0.1727



26.6581, 0.5285, 0.4083



26.6581, 0.1768, 0.3916

Complementary

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



26.6581, 0.2253, 0.1727



86.8767, 0.3764, 0.4555

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.



26.6581, 0.2613, 0.5196



26.6581, 0.2253, 0.1727



26.6581, 0.4624, 0.4889

Square

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



26.6581, 0.2253, 0.1727



26.6581, 0.5317, 0.3323



26.6581, 0.3654, 0.5477



26.6581, 0.1338, 0.2645

Rectangle

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



26.6581, 0.2253, 0.1727



26.6581, 0.4148, 0.2423



26.6581, 0.3654, 0.5477



26.6581, 0.2009, 0.4398

Sweetspot

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



26.6590, 0.2253, 0.1727



72.0900, 0.2912, 0.2890



71.4010, 0.2443, 0.3140



14.6893, 0.2878, 0.2829



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.



26.6590, 0.2253, 0.1727



20.6464, 0.2054, 0.1395



33.4041, 0.2738, 0.1911



16.7354, 0.2996, 0.3046



3.8205, 0.1539, 0.0621



0.3830, 0.1613, 0.0662

Inverse Universe

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



40.5632, 0.3311, 0.2191



36.9343, 0.3354, 0.2017



78.2004, 0.3343, 0.4755



17.4893, 0.3155, 0.3082



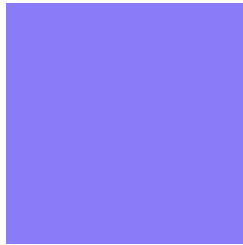
13.5966, 0.3512, 0.1708



1.2685, 0.3471, 0.1686

Previews

White Background



This preview shows how the Yxy color 26.6581, 0.2253, 0.1727 looks on a white background.

Color Contrast Check

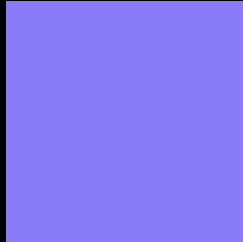
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6581, 0.2253, 0.1727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

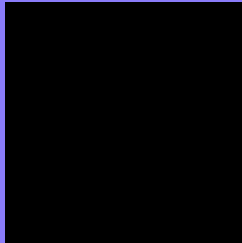
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6581, 0.2253, 0.1727

Background



This preview shows how black text looks on a background with the Yxy color 26.6581, 0.2253, 0.1727.



This preview shows how white text looks on a background with the Yxy color 26.6581, 0.2253, 0.1727.

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

26.6581, 0.2253, 0.1727

Protanopia

26.9503, 0.1963, 0.1731

Deuteranopia

27.1074, 0.1927, 0.1866



Tritanopia

26.6038, 0.2712, 0.3085

Trichromacy



Original Color

26.6581, 0.2253, 0.1727

Protanomaly

26.4779, 0.2045, 0.1715

Deuteranomaly

26.2406, 0.2002, 0.1795

Tritanomaly

26.1495, 0.2521, 0.2473

Monochromacy



Original Color

26.6581, 0.2253, 0.1727

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3269, 0.2754, 0.2590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6581, 0.2253, 0.1727 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(138, 124, 249)` looks like.

```
.text, #text, p{  
    color:rgb(138, 124, 249)  
}
```

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(138, 124, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 124, 249) }
```

Border

The CSS property to change the border of an element to Yxy 26.6581, 0.2253, 0.1727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

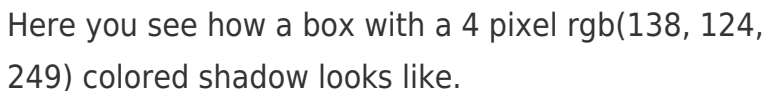
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 124, 249) }
```

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

```
.border{ border-color:rgb(138, 124, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 124, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 124, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 124, 249); box-shadow:4px 4px 4px 4px rgb(138, 124, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6581, 0.2253, 0.1727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 124, 249) }
```

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

```
.background{ background-color: rgb(138,  
124, 249) }
```

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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