

Converting Colors

$Y_{xy}(26.4251, 0.2283, 0.2029)$

Have a look what the booklet for
Yxy(26.4251, 0.2283, 0.2029)
contains.

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Color

Yxy(26.4251, 0.2283, 0.2029)

Conversions

Conversions Part 1

Format	Color
Hex	7886E0
RGB	120, 134, 224
RGB Percent	47%, 53%, 88%
CMY	0.5292, 0.4746, 0.1214
CMYK	0.46, 0.40, 0.00, 0.12
HSL	232°, 63%, 67%
HSV	232°, 46%, 88%
XYZ	29.7331, 26.4251, 74.0788
YIQ	140.0740, -37.2340, 25.0220

Conversions

Conversions Part 2

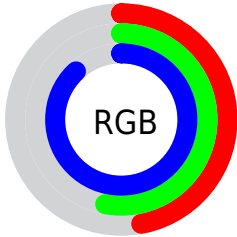
Format	Color
R _Y B	120, 132, 224
Decimal	7898848
CIE Lab	58.44, 18.56, -47.56
CIE LCh	58, 51.056, 291.322
Yxy	26.4251, 0.2283, 0.2029
Android (android.graphics.Color)	4286088928 (0xFF7886E0)
YUV	140.0740, 41.3755, -17.6049
Hunter-Lab	51.4053, 13.2860, -49.4574

Details

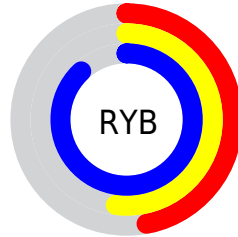
The Yxy color **26.4251, 0.2283, 0.2029** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.3494, 0.3877, 0.4293**, and the grayscale version is **26.1060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1078, 0.2595, 0.2507**, and **10.3809, 0.2022, 0.1698** is the 20% darker color. If you saturate the color by 10%, you get **20.1275, 0.2083, 0.1709**, and if you desaturate by 10%, it is **34.0829, 0.2485, 0.2343**.

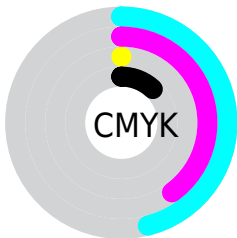
Distribution



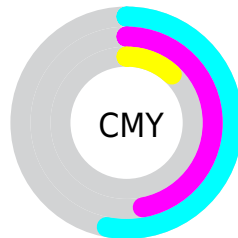
- Red (47%)
- Green (53%)
- Blue (88%)



- Red (47%)
- Yellow (52%)
- Blue (88%)



- Cyan (46%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4251, 0.2283, 0.2029 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 26.4251, 0.2283, 0.2029 by changing the saturation by 10% instead.

■ 26.4251, 0.2283,
0.2029

■ 26.4251, 0.2283,
0.2029

■ 284.8627, 0.2731,
0.2659

■ 17.1419, 0.2167,
0.1878

■ 53.9599, 0.2450,
0.2255

■ 10.3357, 0.2018,
0.1690

■ 72.9804, 0.2511,
0.2341

■ 5.6221, 0.1821,
0.1451

■ 96.0154, 0.2563,
0.2414

■ 2.6167, 0.1553,
0.1148

■ 123.4494, 0.2607,
0.2477

■ 0.9351, 0.1185,
0.0766

■ 155.6667, 0.2644,
0.2531

■ 0.0000, 0.0529,
0.0000

■ 193.0518, 0.2677,

■ 0.0000, 0.0000,

0.2579

0.0000

235.9890, 0.2706,
0.2621

■ 26.4251, 0.2283,
0.2029

■ 26.4251, 0.2283,
0.2029

■ 20.1275, 0.2083,
0.1709

■ 34.0829, 0.2485,
0.2343

■ 15.1070, 0.1897,
0.1399

■ 43.1719, 0.2680,
0.2639

■ 11.2754, 0.1739,
0.1121

■ 53.7613, 0.2863,
0.2909

■ 8.5321, 0.1619,
0.0895

■ 65.9150, 0.3029,
0.3150

■ 6.7577, 0.1544,
0.0734

■ 79.6933, 0.3179,
0.3363

■ 6.3140, 0.1526,
0.0692

■ 95.1532, 0.3311,
0.3548

■ 98.1637, 0.3309,
0.3591

Harmonies

Analogous

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



26.4251, 0.1830, 0.2071



26.4251, 0.2283, 0.2029



26.4251, 0.3021, 0.2237

Triad

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



26.4251, 0.2283, 0.2029



26.4251, 0.4821, 0.3817



26.4251, 0.2300, 0.4044

Complementary

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



26.4251, 0.2283, 0.2029



63.3494, 0.3877, 0.4293

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.



26.4251, 0.3040, 0.4761



26.4251, 0.2283, 0.2029



26.4251, 0.4508, 0.4417

Square

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



26.4251, 0.2283, 0.2029



26.4251, 0.4611, 0.3205



26.4251, 0.3847, 0.4839



26.4251, 0.1824, 0.3105

Rectangle

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



26.4251, 0.2283, 0.2029



26.4251, 0.3613, 0.2495



26.4251, 0.3847, 0.4839



26.4251, 0.2525, 0.4337

Sweetspot

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



26.4260, 0.2283, 0.2029



75.6842, 0.2903, 0.2968



61.9019, 0.2587, 0.3492



15.4788, 0.2865, 0.2913



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.



26.4260, 0.2283, 0.2029



27.0031, 0.2083, 0.1709



25.9391, 0.2542, 0.1940



13.5381, 0.2981, 0.3080



3.7690, 0.1530, 0.0708



0.3581, 0.1592, 0.0929

Inverse Universe

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



31.0172, 0.4214, 0.3129



34.5406, 0.4599, 0.3104



65.3327, 0.3527, 0.4545



13.7303, 0.3271, 0.3259



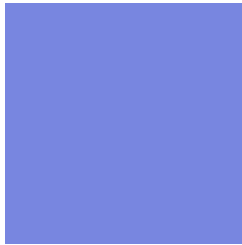
9.2885, 0.6220, 0.3200



0.6536, 0.5866, 0.3005

Previews

White Background



This preview shows how the Yxy color 26.4251, 0.2283, 0.2029 looks on a white background.

Color Contrast Check

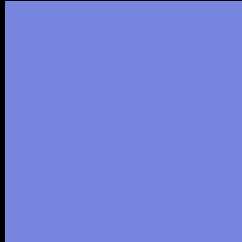
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4251, 0.2283, 0.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

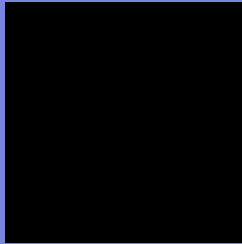
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4251, 0.2283, 0.2029

Background



This preview shows how black text looks on a background with the Yxy color 26.4251, 0.2283, 0.2029.



This preview shows how white text looks on a background with the Yxy color 26.4251, 0.2283, 0.2029.

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

26.4251, 0.2283, 0.2029

Protanopia

26.4406, 0.2180, 0.2013

Deuteranopia

26.4636, 0.2146, 0.2080



Tritanopia

26.5427, 0.2602, 0.3081

Trichromacy



Original Color

26.4251, 0.2283, 0.2029

Protanomaly

26.4143, 0.2213, 0.2018

Deuteranomaly

26.3882, 0.2191, 0.2064

Tritanomaly

26.3150, 0.2478, 0.2643

Monochromacy



Original Color

26.4251, 0.2283, 0.2029

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1038, 0.2766, 0.2765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4251, 0.2283, 0.2029 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(120, 134, 224)` looks like.

```
.text, #text, p{  
    color:rgb(120, 134, 224)  
}
```

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(120, 134, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 134, 224) }
```

Border

The CSS property to change the border of an element to Yxy 26.4251, 0.2283, 0.2029 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(120, 134, 224) }
```

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

```
.border{ border-color:rgb(120, 134, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 134, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 134, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 134, 224);  
box-shadow:4px 4px 4px 4px rgb(120, 134,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4251, 0.2283, 0.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 134, 224) }
```

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

```
.background{ background-color: rgb(120,  
134, 224) }
```

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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