

Converting Colors

$Y_{xy}(25.8880, 0.2649, 0.2586)$

Have a look what the booklet for
Yxy(25.8880, 0.2649, 0.2586)
contains.

Yxy(26.0145, 0.2647, 0.2589)	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(26.0145, 0.2647, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	8289B6
RGB	130, 137, 182
RGB Percent	51%, 54%, 71%
CMY	0.4901, 0.4628, 0.2863
CMYK	0.29, 0.25, 0.00, 0.29
HSL	232°, 26%, 61%
HSV	232°, 29%, 71%
XYZ	26.5973, 26.0145, 47.8691
YIQ	140.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

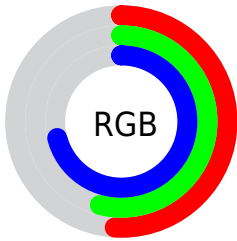
Format	Color
R_{YB}	130, 136, 182
Decimal	8554934
CIE Lab	58.05, 7.86, -24.40
CIE LCh	58, 25.636, 287.847
Yxy	26.0145, 0.2647, 0.2589
Android (android.graphics.Color)	4286745014 (0xFF8289B6)
YUV	140.0370, 20.6878, -8.8024
Hunter-Lab	51.0044, 3.8247, -19.9423

Details

The Yxy color **26.0145, 0.2647, 0.2589** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.2252, 0.3575, 0.3905**, and the grayscale version is **26.1662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1903, 0.2748, 0.2726**, and **10.0636, 0.2475, 0.2351** is the 20% darker color. If you saturate the color by 10%, you get **20.5432, 0.2453, 0.2294**, and if you desaturate by 10%, it is **32.3968, 0.2830, 0.2860**.

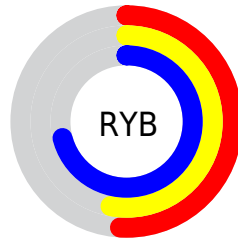
Distribution



Red (51%)

Green (54%)

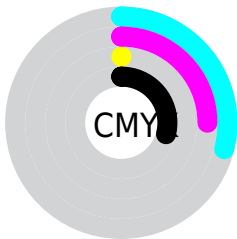
Blue (71%)



Red (51%)

Yellow (53%)

Blue (71%)

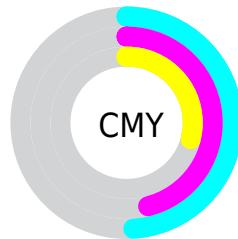


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0145, 0.2647, 0.2589 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 26.0145, 0.2647, 0.2589 by changing the saturation by 10% instead.

■ 26.0145, 0.2647,
0.2589

■ 26.0145, 0.2647,
0.2589

■ 282.8533, 0.2908,
0.2960

■ 16.8345, 0.2575,
0.2490

■ 53.2983, 0.2747,
0.2729

■ 10.1166, 0.2478,
0.2360

■ 72.1710, 0.2783,
0.2780

■ 5.4763, 0.2341,
0.2181

■ 95.0432, 0.2813,
0.2822

■ 2.5293, 0.2137,
0.1923

■ 122.2995, 0.2838,
0.2858

■ 0.8913, 0.1807,
0.1527

■ 154.3243, 0.2860,
0.2889

■ 0.0000, 0.0000,
0.0000

191.5019, 0.2878,

0.2916

234.2168, 0.2894,
0.2939

■ 26.0145, 0.2647,
0.2589

■ 26.0145, 0.2647,
0.2589

■ 20.5432, 0.2453,
0.2294

■ 32.3968, 0.2830,
0.2860

■ 15.9382, 0.2253,
0.1982

■ 39.7260, 0.2997,
0.3104

■ 12.1555, 0.2057,
0.1666

■ 48.0397, 0.3148,
0.3320

■ 9.1460, 0.1877,
0.1363

■ 57.3727, 0.3282,
0.3508

■ 6.8555, 0.1724,
0.1094

■ 67.7581, 0.3401,
0.3672

■ 5.2221, 0.1610,
0.0877

■ 79.2272, 0.3506,
0.3813

■ 4.1634, 0.1538,
0.0723

■ 91.3480, 0.3581,
0.3939

■ 4.0468, 0.1529,
0.0705

■ 96.1569, 0.3561,
0.4008

Harmonies

Analogous

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



26.0145, 0.2397, 0.2654



26.0145, 0.2647, 0.2589



26.0145, 0.3038, 0.2687

Triad

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



26.0145, 0.2647, 0.2589



26.0145, 0.3996, 0.3592



26.0145, 0.2754, 0.3703

Complementary

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



26.0145, 0.2647, 0.2589



42.2252, 0.3575, 0.3905

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.



26.0145, 0.3168, 0.4007



26.0145, 0.2647, 0.2589



26.0145, 0.3897, 0.3899

Square

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



26.0145, 0.2647, 0.2589



26.0145, 0.3842, 0.3241



26.0145, 0.3588, 0.4068



26.0145, 0.2454, 0.3277

Rectangle

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



26.0145, 0.2647, 0.2589



26.0145, 0.3335, 0.2830



26.0145, 0.3588, 0.4068



26.0145, 0.2884, 0.3826

Sweetspot

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



26.0155, 0.2647, 0.2589



71.1826, 0.2987, 0.3090



41.2633, 0.2772, 0.3405



15.2745, 0.2964, 0.3056



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0155, 0.2647, 0.2589



41.0012, 0.2531, 0.2413



25.6664, 0.2811, 0.2515



8.9085, 0.2984, 0.3086



2.9161, 0.1533, 0.0718



0.1657, 0.1633, 0.1078

Inverse Universe

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



27.7232, 0.3660, 0.3192



44.7841, 0.3820, 0.3170



42.9356, 0.3383, 0.4032



9.0313, 0.3267, 0.3260



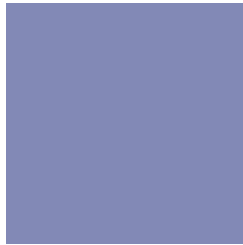
7.0767, 0.6203, 0.3191



0.2558, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 26.0145, 0.2647, 0.2589 looks on a white background.

Color Contrast Check

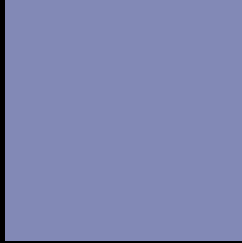
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0145, 0.2647, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

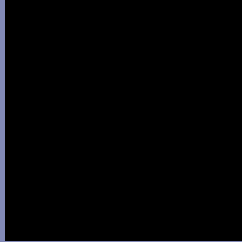
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0145, 0.2647, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 26.0145, 0.2647, 0.2589.



This preview shows how white text looks on a background with the Yxy color 26.0145, 0.2647, 0.2589.

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

26.0145, 0.2647, 0.2589

Protanopia

26.1079, 0.2614, 0.2586

Deuteranopia

26.0145, 0.2647, 0.2589



Tritanopia

25.9642, 0.2832, 0.3087

Trichromacy



Original Color

26.0145, 0.2647, 0.2589

Protanomaly

26.1850, 0.2623, 0.2588

Deuteranomaly

26.0145, 0.2647, 0.2589

Tritanomaly

25.8721, 0.2762, 0.2895

Monochromacy



Original Color

26.0145, 0.2647, 0.2589

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0660, 0.2940, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0145, 0.2647, 0.2589 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(130, 137, 182)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 182)  
}
```

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(130, 137, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 182) }
```

Border

The CSS property to change the border of an element to Yxy 26.0145, 0.2647, 0.2589 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(130, 137, 182) }
```

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

```
.border{ border-color:rgb(130, 137, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 182);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0145, 0.2647, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 182) }
```

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

```
.background{ background-color: rgb(130,  
137, 182) }
```

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