

Converting Colors

$Y_{xy}(26.8117, 0.2534, 0.2502)$

Have a look what the booklet for
Yxy(26.8117, 0.2534, 0.2502)
contains.

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Color

Yxy(26.8028, 0.2534, 0.2507)

Conversions

Conversions Part 1

Format	Color
Hex	7C8CBF
RGB	124, 140, 191
RGB Percent	49%, 55%, 75%
CMY	0.5137, 0.4510, 0.2511
CMYK	0.35, 0.27, 0.00, 0.25
HSL	226°, 34%, 62%
HSV	226°, 35%, 75%
XYZ	27.0915, 26.8028, 53.0176
YIQ	141.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

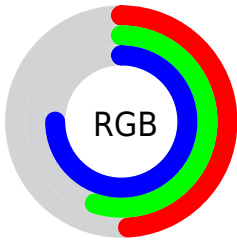
Format	Color
R_{YB}	124, 137, 191
Decimal	8162495
CIE _{Lab}	58.79, 6.68, -28.39
CIE _{LCh}	59, 29.168, 283.235
Yxy	26.8028, 0.2534, 0.2507
Android (android.graphics.Color)	4286352575 (0xFF7C8CBF)
YUV	141.0300, 24.6352, -14.9353
Hunter-Lab	51.7714, 2.8073, -24.4771

Details

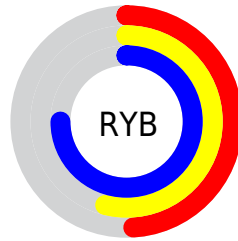
The Yxy color `26.8028, 0.2534, 0.2507` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `43.1741, 0.3714, 0.3965`, and the grayscale version is `26.5580, 0.3127, 0.3290`.

A 20% lighter version of the original color is `54.3822, 0.2650, 0.2650`, and `10.4962, 0.2334, 0.2259` is the 20% darker color. If you saturate the color by 10%, you get `21.5454, 0.2345, 0.2235`, and if you desaturate by 10%, it is `32.8988, 0.2717, 0.2760`.

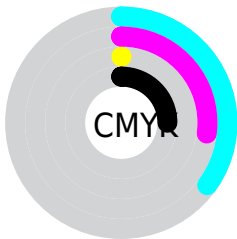
Distribution



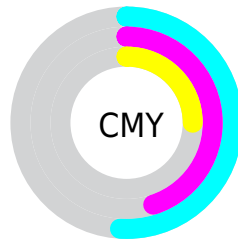
- Red (49%)
- Green (55%)
- Blue (75%)



- Red (49%)
- Yellow (54%)
- Blue (75%)



- Cyan (35%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8028, 0.2534, 0.2507 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 26.8028, 0.2534, 0.2507 by changing the saturation by 10% instead.

■ 26.8028, 0.2534,
0.2507

■ 26.8028, 0.2534,
0.2507

■ 286.7010, 0.2853,
0.2918

■ 17.4252, 0.2448,
0.2399

■ 54.5673, 0.2655,
0.2661

■ 10.5381, 0.2333,
0.2258

■ 73.7229, 0.2699,
0.2717

■ 5.7572, 0.2176,
0.2067

■ 96.9066, 0.2735,
0.2764

■ 2.6980, 0.1946,
0.1797

■ 124.5029, 0.2766,
0.2805

■ 0.9762, 0.1592,
0.1397

■ 156.8961, 0.2793,
0.2839

■ 0.0000, 0.0165,
0.0000

■ 194.4706, 0.2815,

■ 0.0000, 0.0000,

0.2869

0.0000

237.6108, 0.2835,
0.2895

■ 26.8028, 0.2534,
0.2507

■ 26.8028, 0.2534,
0.2507

■ 21.5454, 0.2345,
0.2235

■ 32.8988, 0.2717,
0.2760

■ 17.0857, 0.2158,
0.1951

■ 39.8655, 0.2890,
0.2990

■ 13.3838, 0.1982,
0.1666

■ 47.7372, 0.3051,
0.3195

■ 10.3951, 0.1825,
0.1394

■ 56.5454, 0.3198,
0.3377

■ 8.0696, 0.1698,
0.1150

■ 66.3199, 0.3331,
0.3536

■ 6.3499, 0.1608,
0.0947

■ 77.0893, 0.3450,
0.3674

■ 5.6861, 0.1573,
0.0863

■ 88.3689, 0.3538,
0.3798

■ 96.5402, 0.3508,
0.3920

Harmonies

Analogous

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



26.8028, 0.2287, 0.2605



26.8028, 0.2534, 0.2507



26.8028, 0.2950, 0.2591

Triad

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



26.8028, 0.2534, 0.2507



26.8028, 0.4099, 0.3561



26.8028, 0.2771, 0.3826

Complementary

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



26.8028, 0.2534, 0.2507



43.1741, 0.3714, 0.3965

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.



26.8028, 0.3243, 0.4134



26.8028, 0.2534, 0.2507



26.8028, 0.4026, 0.3921

Square

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



26.8028, 0.2534, 0.2507



26.8028, 0.3884, 0.3172



26.8028, 0.3705, 0.4151



26.8028, 0.2413, 0.3347

Rectangle

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



26.8028, 0.2534, 0.2507



26.8028, 0.3282, 0.2735



26.8028, 0.3705, 0.4151



26.8028, 0.2921, 0.3957

Sweetspot

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



26.8038, 0.2534, 0.2507



76.7184, 0.2955, 0.3073



44.5984, 0.2743, 0.3536



16.4307, 0.2932, 0.3044



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.8038, 0.2534, 0.2507



40.7308, 0.2391, 0.2302



23.8167, 0.2655, 0.2295



9.5857, 0.2984, 0.3110



3.8445, 0.1579, 0.0884



0.2556, 0.1711, 0.1361

Inverse Universe

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



27.3822, 0.3749, 0.3072



42.4601, 0.3951, 0.3024



47.7284, 0.3498, 0.4198



9.5728, 0.3252, 0.3235



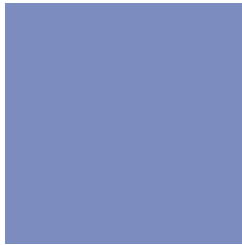
7.4178, 0.5936, 0.3044



0.3012, 0.5244, 0.2662

Previews

White Background



This preview shows how the Yxy color 26.8028, 0.2534, 0.2507 looks on a white background.

Color Contrast Check

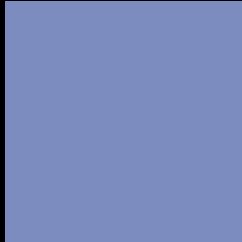
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8028, 0.2534, 0.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

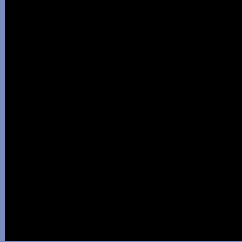
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8028, 0.2534, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 26.8028, 0.2534, 0.2507.



This preview shows how white text looks on a background with the Yxy color 26.8028, 0.2534, 0.2507.

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

26.8028, 0.2534, 0.2507

Protanopia

26.6950, 0.2564, 0.2509

Deuteranopia

26.7389, 0.2556, 0.2496



Tritanopia

26.7394, 0.2730, 0.3086

Trichromacy



Original Color

26.8028, 0.2534, 0.2507

Protanomaly

26.6186, 0.2555, 0.2507

Deuteranomaly

26.6624, 0.2548, 0.2494

Tritanomaly

26.7707, 0.2656, 0.2863

Monochromacy



Original Color

26.8028, 0.2534, 0.2507

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.7039, 0.2894, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8028, 0.2534, 0.2507 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(124, 140, 191)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 191)  
}
```

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(124, 140, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 191) }
```

Border

The CSS property to change the border of an element to Yxy 26.8028, 0.2534, 0.2507 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(124, 140, 191) }
```

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

```
.border{ border-color:rgb(124, 140, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 140, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 191);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8028, 0.2534, 0.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 191) }
```

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

```
.background{ background-color: rgb(124,  
140, 191) }
```

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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