

Converting Colors

$Y_{xy}(28.8395, 0.2534, 0.2574)$

Have a look what the booklet for
Yxy(28.8395, 0.2534, 0.2574)
contains.

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Color

Yxy(28.7680, 0.2540, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	7D92C1
RGB	125, 146, 193
RGB Percent	49%, 57%, 76%
CMY	0.5100, 0.4274, 0.2431
CMYK	0.35, 0.24, 0.00, 0.24
HSL	221°, 35%, 62%
HSV	221°, 35%, 76%
XYZ	28.3550, 28.7680, 54.5107
YIQ	145.0790, -27.6030, 10.1650

Conversions

Conversions Part 2

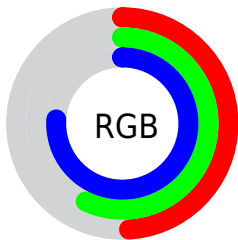
Format	Color
R_{YB}	125, 141, 193
Decimal	8229569
CIE _{Lab}	60.58, 4.02, -26.78
CIE _{LCh}	61, 27.080, 278.542
Yxy	28.7680, 0.2540, 0.2577
Android (android.graphics.Color)	4286419649 (0xFF7D92C1)
YUV	145.0790, 23.6251, -17.6093
Hunter-Lab	53.6358, 0.5026, -22.7121

Details

The Yxy color **28.7680, 0.2540, 0.2577** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.2916, 0.3739, 0.3911**, and the grayscale version is **28.2561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7944, 0.2654, 0.2714**, and **11.6463, 0.2351, 0.2362** is the 20% darker color. If you saturate the color by 10%, you get **23.5843, 0.2359, 0.2330**, and if you desaturate by 10%, it is **34.7148, 0.2718, 0.2806**.

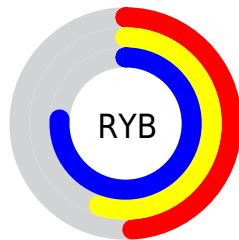
Distribution



Red (49%)

Green (57%)

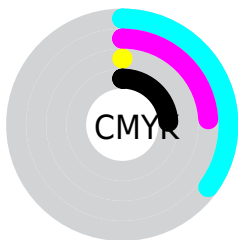
Blue (76%)



Red (49%)

Yellow (55%)

Blue (76%)

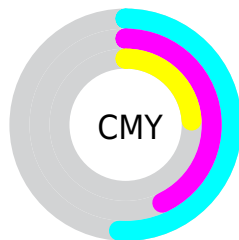


Cyan (35%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7680, 0.2540, 0.2577 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 28.7680, 0.2540, 0.2577 by changing the saturation by 10% instead.

■ 28.7680, 0.2540,
0.2577

■ 28.7680, 0.2540,
0.2577

■ 296.1187, 0.2852,
0.2951

■ 18.9054, 0.2457,
0.2479

■ 57.7083, 0.2657,
0.2716

■ 11.6019, 0.2347,
0.2352

■ 77.5547, 0.2700,
0.2768

■ 6.4732, 0.2197,
0.2178

■ 101.4979, 0.2736,
0.2811

■ 3.1349, 0.1981,
0.1933

■ 129.9222, 0.2766,
0.2847

■ 1.2026, 0.1651,
0.1566

■ 163.2121, 0.2792,
0.2878

■ 0.0638, 0.0627,
0.0252

■ 201.7519, 0.2815,

■ 0.0000, 0.0000,

0.2906

0.0000

245.9259, 0.2834,
0.2929

■ 28.7680, 0.2540,
0.2577

■ 28.7680, 0.2540,
0.2577

■ 23.5843, 0.2359,
0.2330

■ 34.7148, 0.2718,
0.2806

■ 19.1276, 0.2180,
0.2071

■ 41.4520, 0.2888,
0.3014

■ 15.3636, 0.2012,
0.1808

■ 49.0097, 0.3048,
0.3200

■ 12.2535, 0.1863,
0.1551

■ 57.4151, 0.3196,
0.3366

■ 9.7542, 0.1741,
0.1312

■ 66.6944, 0.3331,
0.3511

■ 7.8155, 0.1650,
0.1103

■ 76.8725, 0.3454,
0.3638

■ 7.0587, 0.1616,
0.1015

■ 87.0050, 0.3530,
0.3754

■ 95.1075, 0.3501,
0.3878

■ 96.6303, 0.3496,
0.3900

Harmonies

Analogous

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



28.7680, 0.2340, 0.2698



28.7680, 0.2540, 0.2577



28.7680, 0.2901, 0.2628

Triad

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



28.7680, 0.2540, 0.2577



28.7680, 0.3994, 0.3487



28.7680, 0.2869, 0.3831

Complementary

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



28.7680, 0.2540, 0.2577



42.2916, 0.3739, 0.3911

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.



28.7680, 0.3306, 0.4071



28.7680, 0.2540, 0.2577



28.7680, 0.3971, 0.3824

Square

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



28.7680, 0.2540, 0.2577



28.7680, 0.3761, 0.3131



28.7680, 0.3712, 0.4052



28.7680, 0.2518, 0.3414

Rectangle

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



28.7680, 0.2540, 0.2577



28.7680, 0.3197, 0.2746



28.7680, 0.3712, 0.4052



28.7680, 0.3010, 0.3937

Sweetspot

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



28.7691, 0.2540, 0.2577



79.6003, 0.2955, 0.3093



45.4532, 0.2770, 0.3606



16.6875, 0.2933, 0.3067



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.



28.7691, 0.2540, 0.2577



44.5326, 0.2406, 0.2396



23.8554, 0.2608, 0.2276



10.2456, 0.2984, 0.3127



4.8213, 0.1622, 0.1038



0.3335, 0.1752, 0.1506

Inverse Universe

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



28.0650, 0.3696, 0.3006



43.7309, 0.3872, 0.2946



49.3859, 0.3541, 0.4192



10.1281, 0.3241, 0.3219



7.7689, 0.5702, 0.2915



0.3483, 0.5052, 0.2557

Previews

White Background



This preview shows how the Yxy color 28.7680, 0.2540, 0.2577 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 28.7680, 0.2540, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

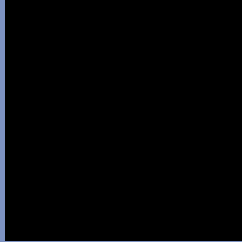
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

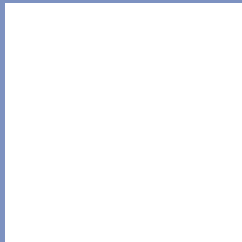
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7680, 0.2540, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 28.7680, 0.2540, 0.2577.



This preview shows how white text looks on a background with the Yxy color 28.7680, 0.2540, 0.2577.

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

28.7680, 0.2540, 0.2577

Protanopia

28.7388, 0.2609, 0.2571

Deuteranopia

28.9099, 0.2603, 0.2547



Tritanopia

28.6651, 0.2707, 0.3075

Trichromacy



Original Color

28.7680, 0.2540, 0.2577

Protanomaly

28.8024, 0.2586, 0.2582

Deuteranomaly

28.9711, 0.2580, 0.2557

Tritanomaly

28.6550, 0.2644, 0.2873

Monochromacy



Original Color

28.7680, 0.2540, 0.2577

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2627, 0.2898, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7680, 0.2540, 0.2577 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(125, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 146, 193)  
}
```

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(125, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 146, 193) }
```

Border

The CSS property to change the border of an element to Yxy 28.7680, 0.2540, 0.2577 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(125, 146, 193) }
```

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

```
.border{ border-color:rgb(125, 146, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 146, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(125, 146,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7680, 0.2540, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 146, 193) }
```

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

```
.background{ background-color: rgb(125,  
146, 193) }
```

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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