

Converting Colors

$Y_{xy}(28.9779, 0.2439, 0.2621)$

Have a look what the booklet for
Yxy(28.9779, 0.2439, 0.2621)
contains.

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Color

Yxy(28.9779, 0.2439, 0.2621)

Conversions

Conversions Part 1

Format	Color
Hex	6E96C1
RGB	110, 150, 193
RGB Percent	43%, 59%, 76%
CMY	0.5684, 0.4118, 0.2432
CMYK	0.43, 0.22, 0.00, 0.24
HSL	211°, 40%, 59%
HSV	211°, 43%, 76%
XYZ	26.9657, 28.9779, 54.6169
YIQ	142.9420, -37.6430, 4.8930

Conversions

Conversions Part 2

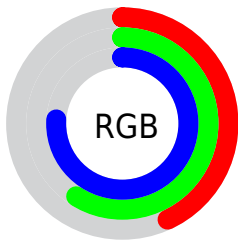
Format	Color
RYB	110, 137, 193
Decimal	7247553
CIELab	60.76, -2.33, -26.56
CIElCh	61, 26.664, 264.994
Yxy	28.9779, 0.2439, 0.2621
Android (android.graphics.Color)	4285437633 (0xFF6E96C1)
YUV	142.9420, 24.6786, -28.8901
Hunter-Lab	53.8311, -4.7882, -22.4736

Details

The Yxy color **28.9779, 0.2439, 0.2621** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.2603, 0.3973, 0.3869**, and the grayscale version is **27.3591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0872, 0.2574, 0.2750**, and **11.6285, 0.2218, 0.2398** is the 20% darker color. If you saturate the color by 10%, you get **24.8146, 0.2281, 0.2430**, and if you desaturate by 10%, it is **33.6856, 0.2602, 0.2800**.

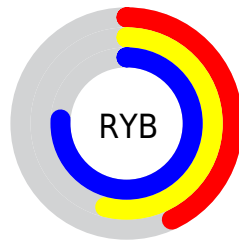
Distribution



Red (43%)

Green (59%)

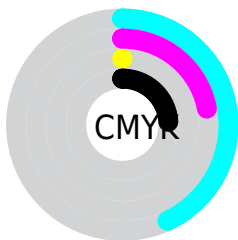
Blue (76%)



Red (43%)

Yellow (54%)

Blue (76%)

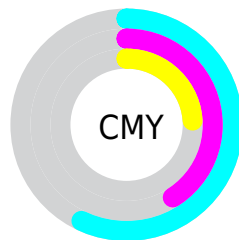


Cyan (43%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9779, 0.2439, 0.2621 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 28.9779, 0.2439, 0.2621 by changing the saturation by 10% instead.

■ 28.9779, 0.2439,
0.2621

■ 28.9779, 0.2439,
0.2621

■ 297.1107, 0.2801,
0.2976

■ 19.0641, 0.2344,
0.2527

■ 58.0420, 0.2574,
0.2754

■ 11.7166, 0.2219,
0.2403

■ 77.9610, 0.2624,
0.2803

■ 6.5510, 0.2051,
0.2234

■ 101.9840, 0.2666,
0.2844

■ 3.1829, 0.1811,
0.1992

■ 130.4952, 0.2701,
0.2878

■ 1.2280, 0.1453,
0.1625

■ 163.8791, 0.2731,
0.2908

■ 0.0844, 0.0096,
0.0347

■ 202.5200, 0.2757,

■ 0.0000, 0.0000,

0.2933

0.0000

246.8024, 0.2781,
0.2956

■ 28.9779, 0.2439,
0.2621

■ 28.9779, 0.2439,
0.2621

■ 24.8146, 0.2281,
0.2430

■ 33.6856, 0.2602,
0.2800

■ 21.1680, 0.2133,
0.2231

■ 38.9571, 0.2766,
0.2966

■ 18.0124, 0.2001,
0.2029

■ 44.8145, 0.2927,
0.3117

■ 15.3176, 0.1890,
0.1830

■ 51.2779, 0.3082,
0.3253

■ 13.0487, 0.1803,
0.1639

■ 58.3661, 0.3230,
0.3373

■ 11.6687, 0.1753,
0.1512

■ 66.0970, 0.3369,
0.3480

■ 74.4878, 0.3500,
0.3574

■ 81.7200, 0.3551,
0.3666

■ 87.4501, 0.3529,
0.3762

Harmonies

Analogous

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



28.9779, 0.2325, 0.2820



28.9779, 0.2439, 0.2621



28.9779, 0.2728, 0.2596

Triad

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



28.9779, 0.2439, 0.2621



28.9779, 0.3904, 0.3324



28.9779, 0.3064, 0.3956

Complementary

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



28.9779, 0.2439, 0.2621



35.2603, 0.3973, 0.3869

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.



28.9779, 0.3495, 0.4079



28.9779, 0.2439, 0.2621



28.9779, 0.3998, 0.3673

Square

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



28.9779, 0.2439, 0.2621



28.9779, 0.3582, 0.2989



28.9779, 0.3842, 0.3958



28.9779, 0.2668, 0.3608

Rectangle

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



28.9779, 0.2439, 0.2621



28.9779, 0.2996, 0.2669



28.9779, 0.3842, 0.3958



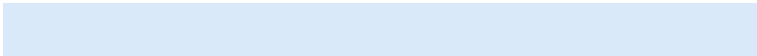
28.9779, 0.3209, 0.4026

Sweetspot

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



28.9790, 0.2439, 0.2621



80.0221, 0.2923, 0.3114



43.7498, 0.2793, 0.3910



16.6474, 0.2888, 0.3081



97.7402, 0.3127, 0.3290



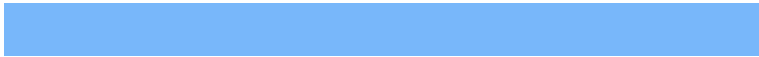
20.4902, 0.3127, 0.3290

Same Dimension

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



28.9790, 0.2439, 0.2621



44.5612, 0.2283, 0.2433



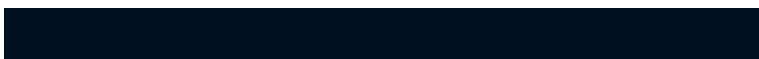
18.4205, 0.2344, 0.1979



10.5305, 0.2984, 0.3168



7.9205, 0.1760, 0.1535



0.4802, 0.1876, 0.1952

Inverse Universe

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



24.7008, 0.3689, 0.2755



37.1265, 0.3884, 0.2641



50.4169, 0.3747, 0.4341



10.1569, 0.3215, 0.3180



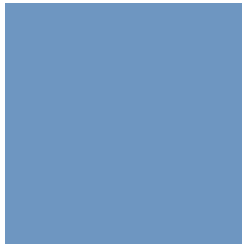
8.0818, 0.5014, 0.2536



0.3631, 0.4507, 0.2257

Previews

White Background



This preview shows how the Yxy color 28.9779, 0.2439, 0.2621 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 28.9779, 0.2439, 0.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

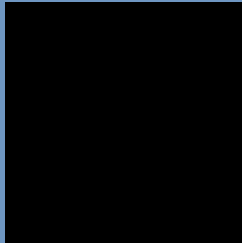
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

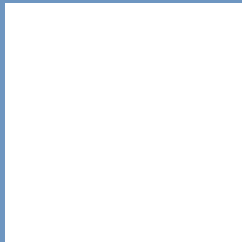
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9779, 0.2439, 0.2621

Background



This preview shows how black text looks on a background with the Yxy color 28.9779, 0.2439, 0.2621.

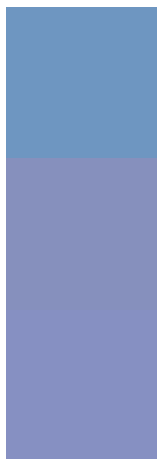


This preview shows how white text looks on a background with the Yxy color 28.9779, 0.2439, 0.2621.

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

28.9779, 0.2439, 0.2621

Protanopia

28.6890, 0.2639, 0.2612

Deuteranopia

28.9099, 0.2603, 0.2547



Tritanopia

29.1163, 0.2576, 0.3087

Trichromacy



Original Color

28.9779, 0.2439, 0.2621

Protanomaly

28.6354, 0.2561, 0.2617

Deuteranomaly

28.8128, 0.2534, 0.2564

Tritanomaly

28.9812, 0.2530, 0.2913

Monochromacy



Original Color

28.9779, 0.2439, 0.2621

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.9563, 0.2841, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9779, 0.2439, 0.2621 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(110, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 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(110, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 193) }
```

Border

The CSS property to change the border of an element to Yxy 28.9779, 0.2439, 0.2621 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(110, 150, 193) }
```

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

```
.border{ border-color:rgb(110, 150, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9779, 0.2439, 0.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 193) }
```

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

```
.background{ background-color: rgb(110,  
150, 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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