

Converting Colors

$Y_{xy}(28.5568, 0.2398, 0.2990)$

Have a look what the booklet for
Yxy(28.5568, 0.2398, 0.2990)
contains.

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Color

Yxy(28.5879, 0.2403, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	529CAD
RGB	82, 156, 173
RGB Percent	32%, 61%, 68%
CMY	0.6783, 0.3882, 0.3215
CMYK	0.53, 0.10, 0.00, 0.32
HSL	191°, 36%, 50%
HSV	191°, 53%, 68%
XYZ	22.9142, 28.5879, 43.8545
YIQ	135.8120, -49.5610, -10.4010

Conversions

Conversions Part 2

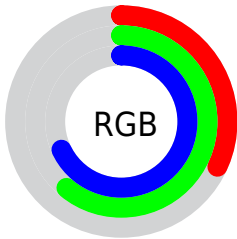
Format	Color
R_{YB}	82, 123, 173
Decimal	5414061
CIE _{Lab}	60.42, -18.19, -15.95
CIE _{LCh}	60, 24.192, 221.242
Yxy	28.5879, 0.2403, 0.2998
Android (android.graphics.Color)	4283604141 (0xFF529CAD)
YUV	135.8120, 18.3337, -47.1931
Hunter-Lab	53.4677, -17.0701, -11.2027

Details

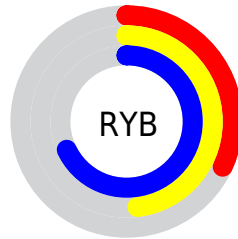
The Yxy color **28.5879, 0.2403, 0.2998** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.4302, 0.4469, 0.3546**, and the grayscale version is **24.4943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5932, 0.2550, 0.3074**, and **11.5938, 0.2169, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **26.8364, 0.2301, 0.2933**, and if you desaturate by 10%, it is **30.5661, 0.2520, 0.3061**.

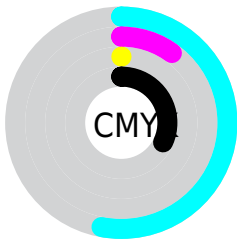
Distribution



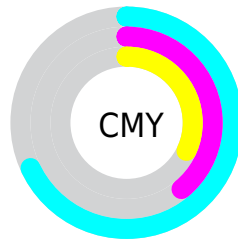
- Red (32%)
- Green (61%)
- Blue (68%)



- Red (32%)
- Yellow (48%)
- Blue (68%)



- Cyan (53%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)




- Cyan (68%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5879, 0.2403, 0.2998 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 28.5879, 0.2403, 0.2998 by changing the saturation by 10% instead.

 28.5879, 0.2403,
0.2998


 28.5879, 0.2403,
0.2998


295.2656, 0.2784,
0.3164


 18.7693, 0.2302,
0.2949


 57.4217, 0.2546,
0.3063


 11.5037, 0.2169,
0.2882


 77.2057, 0.2598,
0.3086

 6.4067, 0.1988,
0.2784


 101.0802, 0.2642,
0.3105

 3.0939, 0.1727,
0.2629

 129.4298, 0.2679,
0.3121

 1.1810, 0.1305,
0.2363

162.6387, 0.2711,
0.3134

 0.0461, 0.0000,
0.0376

201.0913, 0.2739,

 0.0000, 0.0000,

0.3146

0.0000

245.1722, 0.2763,
0.3155

■ 28.5879, 0.2403,
0.2998

■ 28.5879, 0.2403,
0.2998

■ 26.8364, 0.2301,
0.2933

■ 30.5661, 0.2520,
0.3061

■ 25.2931, 0.2217,
0.2866

■ 32.7814, 0.2650,
0.3121

■ 23.9418, 0.2152,
0.2799

■ 35.2473, 0.2790,
0.3178

■ 22.7617, 0.2105,
0.2732

■ 37.9754, 0.2937,
0.3230

■ 21.9644, 0.2079,
0.2683

■ 40.9764, 0.3088,
0.3278

■ 44.2604, 0.3240,
0.3322

■ 47.8370, 0.3391,
0.3361

■ 51.7152, 0.3539,
0.3396

■ 55.9036, 0.3683,
0.3426

Harmonies

Analogous

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



28.5879, 0.2558, 0.3368



28.5879, 0.2403, 0.2998



28.5879, 0.2427, 0.2743

Triad

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



28.5879, 0.2403, 0.2998



28.5879, 0.3365, 0.2893



28.5879, 0.3626, 0.3983

Complementary

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



28.5879, 0.2403, 0.2998



18.4302, 0.4469, 0.3546

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.



28.5879, 0.3871, 0.3797



28.5879, 0.2403, 0.2998



28.5879, 0.3721, 0.3178

Square

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



28.5879, 0.2403, 0.2998



28.5879, 0.2960, 0.2703



28.5879, 0.3910, 0.3501



28.5879, 0.3255, 0.3974

Rectangle

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



28.5879, 0.2403, 0.2998



28.5879, 0.2540, 0.2659



28.5879, 0.3910, 0.3501



28.5879, 0.3726, 0.3939

Sweetspot

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



28.5890, 0.2403, 0.2998



66.1365, 0.2882, 0.3211



32.5850, 0.2945, 0.4643



14.1623, 0.2853, 0.3201



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



28.5890, 0.2403, 0.2998



47.6098, 0.2287, 0.2923



16.1483, 0.2237, 0.2164



8.8135, 0.2986, 0.3247



16.2101, 0.2081, 0.2690



0.5159, 0.2136, 0.2891

Inverse Universe

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



17.3261, 0.3410, 0.2250



26.1771, 0.3491, 0.2070



29.5052, 0.4084, 0.4189



8.1220, 0.3165, 0.3108



7.9395, 0.3738, 0.1833



0.2274, 0.3552, 0.1730

Previews

White Background



This preview shows how the Yxy color 28.5879, 0.2403, 0.2998 looks on a white background.

Color Contrast Check

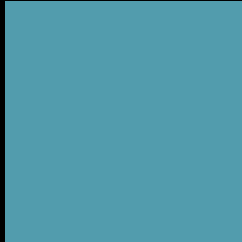
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5879, 0.2403, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

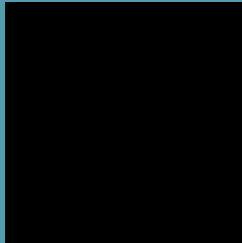
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5879, 0.2403, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 28.5879, 0.2403, 0.2998.



This preview shows how white text looks on a background with the Yxy color 28.5879, 0.2403, 0.2998.

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

28.5879, 0.2403, 0.2998

Protanopia

28.3259, 0.2900, 0.2961

Deuteranopia

28.3202, 0.2822, 0.2772



Tritanopia

28.7278, 0.2425, 0.3081

Trichromacy



Original Color

28.5879, 0.2403, 0.2998

Protanomaly

28.0000, 0.2688, 0.2962

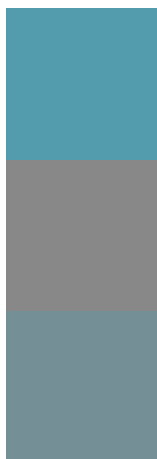
Deuteranomaly

28.0275, 0.2641, 0.2840

Tritanomaly

28.7656, 0.2419, 0.3065

Monochromacy



Original Color

28.5879, 0.2403, 0.2998

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.5279, 0.2801, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5879, 0.2403, 0.2998 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(82, 156, 173)` looks like.

```
.text, #text, p{  
    color:rgb(82, 156, 173)  
}
```

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(82, 156, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 156, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.5879, 0.2403, 0.2998 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(82, 156, 173) }
```

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

```
.border{ border-color:rgb(82, 156, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 156, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 156, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 156, 173);  
box-shadow:4px 4px 4px 4px rgb(82, 156,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5879, 0.2403, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 156, 173) }
```

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

```
.background{ background-color: rgb(82, 156,  
173) }
```

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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