

Converting Colors

$Y_{xy}(28.1233, 0.2698, 0.3559)$

Have a look what the booklet for
Yxy(28.1233, 0.2698, 0.3559)
contains.

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Color

$Y_{xy}(28.0797, 0.2702, 0.3559)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9C8D
RGB	94, 156, 141
RGB Percent	37%, 61%, 55%
CMY	0.6311, 0.3883, 0.4470
CMYK	0.40, 0.00, 0.10, 0.39
HSL	165°, 25%, 49%
HSV	165°, 40%, 61%
XYZ	21.3182, 28.0797, 29.4999
YIQ	135.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

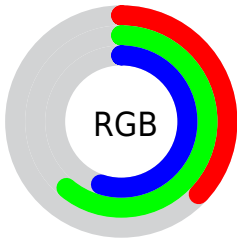
Format	Color
R_{YB}	94, 129, 156
Decimal	6200461
CIE _{Lab}	59.96, -23.63, 1.55
CIE _{LCh}	60, 23.677, 176.242
Yxy	28.0797, 0.2702, 0.3559
Android (android.graphics.Color)	4284390541 (0xFF5E9C8D)
YUV	135.7520, 2.5873, -36.6165
Hunter-Lab	52.9903, -20.9219, 4.0863

Details

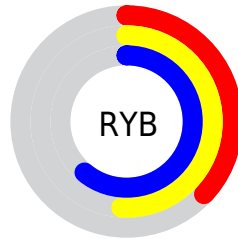
The Yxy color **28.0797, 0.2702, 0.3559** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1903, 0.3850, 0.3043**, and the grayscale version is **24.5286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7317, 0.2787, 0.3500**, and **11.1482, 0.2549, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **27.2266, 0.2620, 0.3640**, and if you desaturate by 10%, it is **29.1055, 0.2797, 0.3483**.

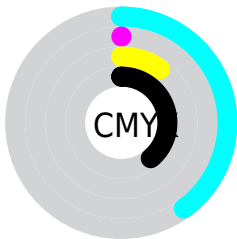
Distribution



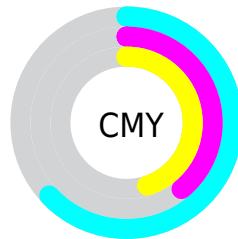
- Red (37%)
- Green (61%)
- Blue (55%)



- Red (37%)
- Yellow (51%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)





- Cyan (63%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0797, 0.2702, 0.3559 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 28.0797, 0.2702, 0.3559 by changing the saturation by 10% instead.


 28.0797, 0.2702,
0.3559


 28.0797, 0.2702,
0.3559


292.8476, 0.2932,
0.3412


 18.3857, 0.2638,
0.3600


 56.6117, 0.2790,
0.3502

 11.2273, 0.2551,
0.3657


 76.2185, 0.2822,
0.3482

 6.2199, 0.2427,
0.3738

 99.8983, 0.2848,
0.3465

 2.9793, 0.2236,
0.3864

 128.0357, 0.2871,
0.3451

 1.1209, 0.1752,
0.4167

161.0149, 0.2889,
0.3439

 0.0000, 0.0000,
0.0000

199.2203, 0.2906,

0.3429

243.0364, 0.2920,
0.3420

■ 28.0797, 0.2702,
0.3559

■ 28.0797, 0.2702,
0.3559

■ 27.2266, 0.2620,
0.3640

■ 29.1055, 0.2797,
0.3483

■ 26.5329, 0.2554,
0.3724

■ 30.3101, 0.2902,
0.3412

■ 25.9882, 0.2505,
0.3811


■ 31.7030, 0.3014,
0.3347

■ 25.5801, 0.2474,
0.3899


■ 33.2925, 0.3131,
0.3288


■ 25.2935, 0.2463,
0.3987


■ 35.0860, 0.3250,
0.3235


 25.0939, 0.2466,
0.4075

 37.0907, 0.3370,
0.3188

 25.0880, 0.2466,
0.4078

 39.3135, 0.3489,
0.3146

 41.7608, 0.3605,
0.3109

 44.4390, 0.3718,
0.3077

Harmonies

Analogous

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



28.0797, 0.3057, 0.3873



28.0797, 0.2702, 0.3559



28.0797, 0.2469, 0.3176

Triad

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



28.0797, 0.2702, 0.3559



28.0797, 0.2783, 0.2664



28.0797, 0.3907, 0.3653

Complementary

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



28.0797, 0.2702, 0.3559



16.1903, 0.3850, 0.3043

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.



28.0797, 0.3831, 0.3338



28.0797, 0.2702, 0.3559



28.0797, 0.3160, 0.2791

Square

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



28.0797, 0.2702, 0.3559



28.0797, 0.2514, 0.2683



28.0797, 0.3550, 0.3031



28.0797, 0.3761, 0.3901

Rectangle

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



28.0797, 0.2702, 0.3559



28.0797, 0.2405, 0.2951



28.0797, 0.3550, 0.3031



28.0797, 0.3908, 0.3551

Sweetspot

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



28.0808, 0.2702, 0.3559



56.9123, 0.2985, 0.3363



27.8696, 0.3216, 0.4419



12.4560, 0.2971, 0.3371



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.0808, 0.2702, 0.3559



49.5628, 0.2626, 0.3634



23.6893, 0.2550, 0.3009



7.4820, 0.3019, 0.3345



20.6731, 0.2464, 0.4071



0.3758, 0.2367, 0.3721

Inverse Universe

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



16.1903, 0.3850, 0.3043



24.7674, 0.4112, 0.2989



18.9317, 0.3986, 0.3550



6.6712, 0.3248, 0.3236



5.9405, 0.5907, 0.3028



0.1122, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 28.0797, 0.2702, 0.3559 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 28.0797, 0.2702, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

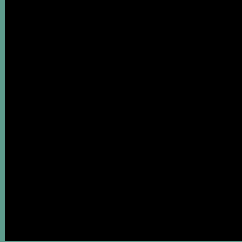
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0797, 0.2702, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 28.0797, 0.2702, 0.3559.

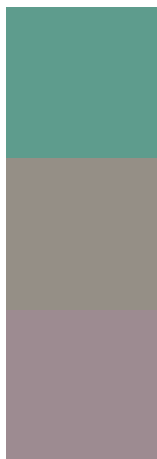


This preview shows how white text looks on a background with the Yxy color 28.0797, 0.2702, 0.3559.

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

28.0797, 0.2702, 0.3559

Protanopia

27.7557, 0.3283, 0.3436

Deuteranopia

27.6777, 0.3263, 0.3197



Tritanopia

28.2084, 0.2563, 0.3084

Trichromacy



Original Color

28.0797, 0.2702, 0.3559

Protanomaly

27.6531, 0.3037, 0.3477

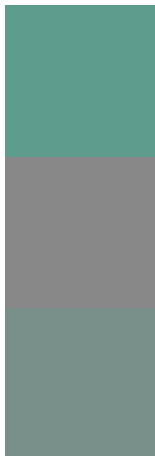
Deuteranomaly

27.3327, 0.3023, 0.3306

Tritanomaly

28.1082, 0.2615, 0.3254

Monochromacy



Original Color

28.0797, 0.2702, 0.3559

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.5448, 0.2948, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0797, 0.2702, 0.3559 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(94, 156, 141)` looks like.

```
.text, #text, p{  
  color:rgb(94, 156, 141)  
}
```

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(94, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 156, 141) }
```

Border

The CSS property to change the border of an element to Yxy 28.0797, 0.2702, 0.3559 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(94, 156, 141) }
```

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

```
.border{ border-color:rgb(94, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(94, 156,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0797, 0.2702, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 156, 141) }
```

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

```
.background{ background-color: rgb(94, 156,  
141) }
```

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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