

Converting Colors

$Y_{xy}(27.9811, 0.2628, 0.3359)$

Have a look what the booklet for
Yxy(27.9811, 0.2628, 0.3359)
contains.

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Color

$\text{Yxy}(28.0567, 0.2625, 0.3359)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9B97
RGB	94, 155, 151
RGB Percent	37%, 61%, 59%
CMY	0.6313, 0.3922, 0.4078
CMYK	0.39, 0.00, 0.03, 0.39
HSL	176°, 24%, 49%
HSV	176°, 39%, 61%
XYZ	21.9258, 28.0567, 33.5444
YIQ	136.3050, -35.0720, -14.1760

Conversions

Conversions Part 2

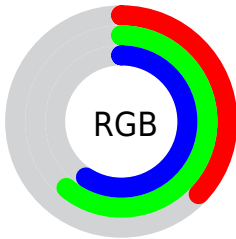
Format	Color
R_{YB}	94, 126, 155
Decimal	6200215
CIE _{Lab}	59.94, -20.68, -4.15
CIE _{LCh}	60, 21.089, 191.340
Yxy	28.0567, 0.2625, 0.3359
Android (android.graphics.Color)	4284390295 (0xFF5E9B97)
YUV	136.3050, 7.2446, -37.1015
Hunter-Lab	52.9686, -18.8067, -0.4697

Details

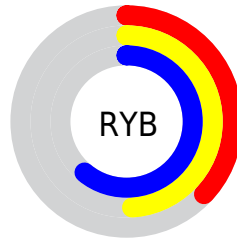
The Yxy color $28.0567, 0.2625, 0.3359$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.8597, 0.4012, 0.3226$, and the grayscale version is $24.7256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7040, 0.2727, 0.3354$, and $11.2921, 0.2455, 0.3395$ is the 20% darker color. If you saturate the color by 10%, you get $27.2861, 0.2528, 0.3379$, and if you desaturate by 10%, it is $28.9944, 0.2737, 0.3340$.

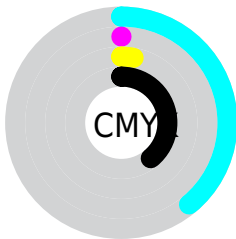
Distribution



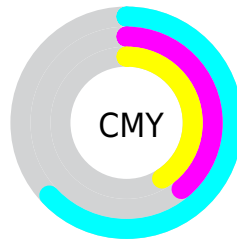
- Red (37%)
- Green (61%)
- Blue (59%)



- Red (37%)
- Yellow (49%)
- Blue (61%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)




- Cyan (63%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0567, 0.2625, 0.3359 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 28.0567, 0.2625, 0.3359 by changing the saturation by 10% instead.


 28.0567, 0.2625,
0.3359


 28.0567, 0.2625,
0.3359


292.7377, 0.2894,
0.3325


 18.3684, 0.2551,
0.3367


 56.5750, 0.2728,
0.3347

 11.2148, 0.2452,
0.3376


 76.1737, 0.2765,
0.3342

 6.2115, 0.2313,
0.3388

 99.8447, 0.2795,
0.3339

 2.9741, 0.2103,
0.3400

 127.9724, 0.2821,
0.3335

 1.1182, 0.1666,
0.3443

160.9412, 0.2844,
0.3332

 0.0000, 0.0000,
0.0000

199.1354, 0.2863,

0.3330

242.9394, 0.2880,
0.3327

■ 28.0567, 0.2625,
0.3359

■ 28.0567, 0.2625,
0.3359

■ 27.2861, 0.2528,
0.3379

■ 28.9944, 0.2737,
0.3340

■ 26.6692, 0.2448,
0.3400

■ 30.1049, 0.2861,
0.3321

■ 26.1964, 0.2385,
0.3422

■ 31.3978, 0.2995,
0.3305


■ 25.8551, 0.2341,
0.3443


■ 32.8809, 0.3137,
0.3289

■ 25.6308, 0.2315,
0.3465

■ 34.5616, 0.3282,
0.3275


 25.4912, 0.2303,
0.3486

 36.4469, 0.3430,
0.3263

 25.4826, 0.2302,
0.3487

 38.5435, 0.3577,
0.3251

 40.8579, 0.3722,
0.3242

 43.3959, 0.3864,
0.3234

Harmonies

Analogous

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



28.0567, 0.2897, 0.3682



28.0567, 0.2625, 0.3359



28.0567, 0.2487, 0.3036

Triad

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



28.0567, 0.2625, 0.3359



28.0567, 0.2983, 0.2770



28.0567, 0.3780, 0.3741

Complementary

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



28.0567, 0.2625, 0.3359



15.8597, 0.4012, 0.3226

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.



28.0567, 0.3813, 0.3482



28.0567, 0.2625, 0.3359



28.0567, 0.3338, 0.2940

Square

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



28.0567, 0.2625, 0.3359



28.0567, 0.2684, 0.2719



28.0567, 0.3648, 0.3194



28.0567, 0.3567, 0.3899

Rectangle

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



28.0567, 0.2625, 0.3359



28.0567, 0.2483, 0.2870



28.0567, 0.3648, 0.3194



28.0567, 0.3813, 0.3662

Sweetspot

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



28.0578, 0.2625, 0.3359



55.5271, 0.2956, 0.3309



26.8521, 0.3109, 0.4444



12.5047, 0.2940, 0.3311



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.



28.0578, 0.2625, 0.3359



49.0471, 0.2541, 0.3376



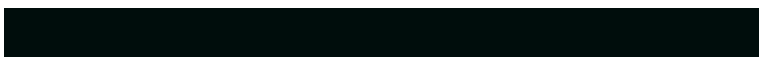
20.3362, 0.2523, 0.2800



7.0196, 0.2997, 0.3304



20.4705, 0.2302, 0.3485



0.3078, 0.2275, 0.3390

Inverse Universe

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



15.8597, 0.4012, 0.3226



24.1383, 0.4316, 0.3213



21.3172, 0.3903, 0.3729



6.2289, 0.3273, 0.3276



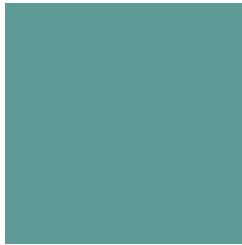
5.6173, 0.6306, 0.3248



0.0855, 0.5876, 0.3011

Previews

White Background



This preview shows how the Yxy color 28.0567, 0.2625, 0.3359 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 28.0567, 0.2625, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

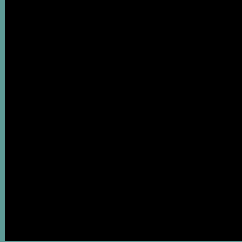
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0567, 0.2625, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 28.0567, 0.2625, 0.3359.

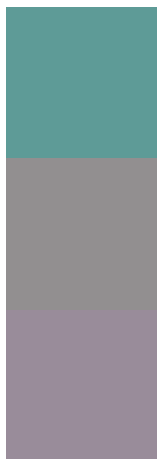


This preview shows how white text looks on a background with the Yxy color 28.0567, 0.2625, 0.3359.

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

28.0567, 0.2625, 0.3359

Protanopia

27.7695, 0.3149, 0.3274

Deuteranopia

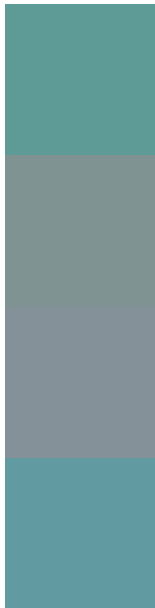
27.8616, 0.3127, 0.3073



Tritanopia

28.0957, 0.2548, 0.3084

Trichromacy



Original Color

28.0567, 0.2625, 0.3359

Protanomaly

27.4860, 0.2926, 0.3289

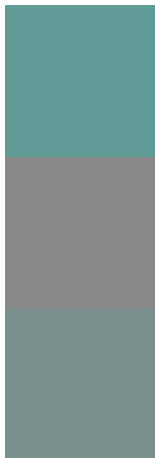
Deuteranomaly

27.4562, 0.2920, 0.3158

Tritanomaly

28.1907, 0.2579, 0.3185

Monochromacy



Original Color

28.0567, 0.2625, 0.3359

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.6330, 0.2920, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0567, 0.2625, 0.3359 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, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 151)  
}
```

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, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 151) }
```

Border

The CSS property to change the border of an element to Yxy 28.0567, 0.2625, 0.3359 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, 155, 151) }
```

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

```
.border{ border-color:rgb(94, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0567, 0.2625, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 151) }
```

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

```
.background{ background-color: rgb(94, 155,  
151) }
```

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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