

Converting Colors

$Y_{xy}(27.2790, 0.2627, 0.3585)$

Have a look what the booklet for
Yxy(27.2790, 0.2627, 0.3585)
contains.

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Color

$Y_{xy}(27.1006, 0.2628, 0.3586)$

Conversions

Conversions Part 1

Format	Color
Hex	529B8B
RGB	82, 155, 139
RGB Percent	32%, 61%, 55%
CMY	0.6785, 0.3921, 0.4549
CMYK	0.47, 0.00, 0.10, 0.39
HSL	167°, 31%, 46%
HSV	167°, 47%, 61%
XYZ	19.8607, 27.1006, 28.6121
YIQ	131.3490, -38.3720, -20.4520

Conversions

Conversions Part 2

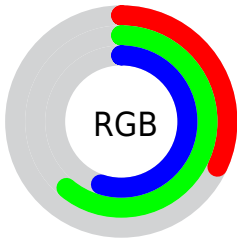
Format	Color
R _Y B	82, 123, 155
Decimal	5413771
CIE Lab	59.07, -26.86, 1.32
CIE LCh	59, 26.896, 177.180
Yxy	27.1006, 0.2628, 0.3586
Android (android.graphics.Color)	4283603851 (0xFF529B8B)
YUV	131.3490, 3.7719, -43.2791
Hunter-Lab	52.0582, -23.0026, 3.8540

Details

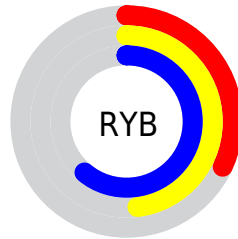
The Yxy color **27.1006, 0.2628, 0.3586** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.8836, 0.4085, 0.3027**, and the grayscale version is **22.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1332, 0.2736, 0.3532**, and **10.6284, 0.2448, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **26.3859, 0.2555, 0.3661**, and if you desaturate by 10%, it is **27.9775, 0.2716, 0.3515**.

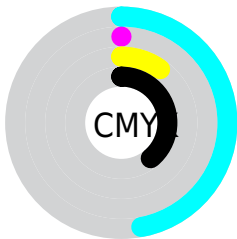
Distribution



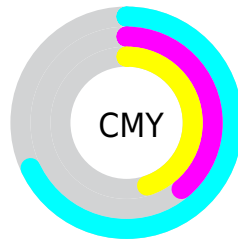
- Red (32%)
- Green (61%)
- Blue (55%)



- Red (32%)
- Yellow (48%)
- Blue (61%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)





- Cyan (68%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1006, 0.2628, 0.3586 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 27.1006, 0.2628, 0.3586 by changing the saturation by 10% instead.


 27.1006, 0.2628,
0.3586


 27.1006, 0.2628,
0.3586


288.1439, 0.2900,
0.3424

 17.6488, 0.2552,
0.3632

 55.0453, 0.2732,
0.3523

 10.6981, 0.2449,
0.3694


 74.3069, 0.2770,
0.3501


 5.8642, 0.2302,
0.3785

 97.6073, 0.2801,
0.3483

 2.7627, 0.2074,
0.3926

 125.3308, 0.2827,
0.3467

 1.0091, 0.1292,
0.4372

 157.8618, 0.2849,
0.3454

 0.0000, 0.0000,
0.0000

195.5847, 0.2868,

0.3443

238.8839, 0.2885,
0.3433

■ 27.1006, 0.2628,
0.3586

■ 27.1006, 0.2628,
0.3586

■ 26.3859, 0.2555,
0.3661

■ 27.9775, 0.2716,
0.3515

■ 25.8194, 0.2500,
0.3738

■ 29.0232, 0.2815,
0.3447

■ 25.3901, 0.2463,
0.3817


■ 30.2476, 0.2925,
0.3385

■ 25.0841, 0.2445,
0.3896

■ 31.6590, 0.3042,
0.3328

■ 24.8787, 0.2443,
0.3975

■ 33.2652, 0.3162,
0.3276

 24.8255, 0.2444,
0.3998

 35.0737, 0.3286,
0.3229

 37.0912, 0.3409,
0.3187

 39.3245, 0.3531,
0.3150

 41.7799, 0.3650,
0.3118

Harmonies

Analogous

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



27.1006, 0.3028, 0.3959



27.1006, 0.2628, 0.3586



27.1006, 0.2371, 0.3141

Triad

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



27.1006, 0.2628, 0.3586



27.1006, 0.2744, 0.2581



27.1006, 0.4022, 0.3708

Complementary

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



27.1006, 0.2628, 0.3586



13.8836, 0.4085, 0.3027

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.



27.1006, 0.3945, 0.3351



27.1006, 0.2628, 0.3586



27.1006, 0.3177, 0.2730

Square

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



27.1006, 0.2628, 0.3586



27.1006, 0.2435, 0.2593



27.1006, 0.3626, 0.3003



27.1006, 0.3843, 0.3994

Rectangle

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



27.1006, 0.2628, 0.3586



27.1006, 0.2304, 0.2886



27.1006, 0.3626, 0.3003



27.1006, 0.4026, 0.3592

Sweetspot

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



27.1017, 0.2628, 0.3586



54.8482, 0.2957, 0.3368



26.7072, 0.3212, 0.4664



12.3038, 0.2934, 0.3380



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.



27.1017, 0.2628, 0.3586



47.1377, 0.2549, 0.3669



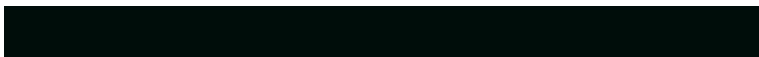
21.6373, 0.2450, 0.2924



7.0034, 0.3017, 0.3339



19.9447, 0.2442, 0.3991



0.3033, 0.2345, 0.3642

Inverse Universe

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



13.8836, 0.4085, 0.3027



20.4006, 0.4453, 0.2978



16.9750, 0.4206, 0.3617



6.2437, 0.3251, 0.3241



5.6947, 0.5972, 0.3064



0.0898, 0.4995, 0.2525

Previews

White Background



This preview shows how the Yxy color 27.1006, 0.2628, 0.3586 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 27.1006, 0.2628, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

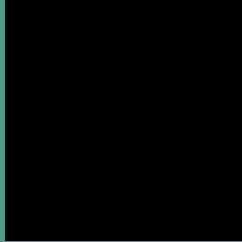
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1006, 0.2628, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 27.1006, 0.2628, 0.3586.

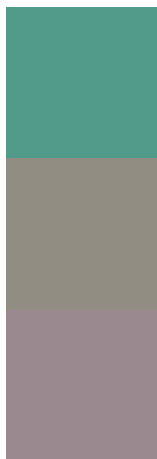


This preview shows how white text looks on a background with the Yxy color 27.1006, 0.2628, 0.3586.

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

27.1006, 0.2628, 0.3586

Protanopia

26.7994, 0.3284, 0.3455

Deuteranopia

26.7445, 0.3254, 0.3196



Tritanopia

26.9374, 0.2487, 0.3061

Trichromacy



Original Color

27.1006, 0.2628, 0.3586

Protanomaly

26.4900, 0.3005, 0.3499

Deuteranomaly

26.4887, 0.2981, 0.3324

Tritanomaly

26.8015, 0.2532, 0.3234

Monochromacy



Original Color

27.1006, 0.2628, 0.3586

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.9881, 0.2903, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1006, 0.2628, 0.3586 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, 155, 139)` looks like.

```
.text, #text, p{  
    color:rgb(82, 155, 139)  
}
```

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, 155, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 155, 139) }
```

Border

The CSS property to change the border of an element to Yxy 27.1006, 0.2628, 0.3586 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, 155, 139) }
```

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

```
.border{ border-color:rgb(82, 155, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 155, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 155, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 155, 139);  
box-shadow:4px 4px 4px 4px rgb(82, 155,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1006, 0.2628, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 155, 139) }
```

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

```
.background{ background-color: rgb(82, 155,  
139) }
```

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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