

Converting Colors

$Yxy(27.6633, 0.2700, 0.3561)$

Have a look what the booklet for
Yxy(27.6633, 0.2700, 0.3561)
contains.

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Color

$\text{Yxy}(27.6633, 0.2700, 0.3561)$

Conversions

Conversions Part 1

Format	Color
Hex	5D9B8C
RGB	93, 155, 140
RGB Percent	36%, 61%, 55%
CMY	0.6350, 0.3922, 0.4510
CMYK	0.40, 0.00, 0.10, 0.39
HSL	165°, 25%, 49%
HSV	165°, 40%, 61%
XYZ	20.9747, 27.6633, 29.0461
YIQ	134.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

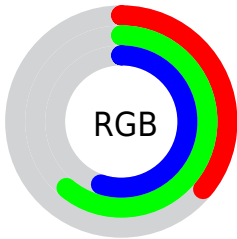
Format	Color
R _Y B	93, 128, 155
Decimal	6134668
CIE Lab	59.58, -23.64, 1.57
CIE LCh	60, 23.692, 176.204
Yxy	27.6633, 0.2700, 0.3561
Android (android.graphics.Color)	4284324748 (0xFF5D9B8C)
YUV	134.7520, 2.5873, -36.6165
Hunter-Lab	52.5959, -20.8589, 4.0743

Details

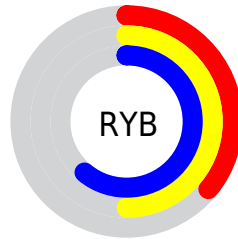
The Yxy color $27.6633, 0.2700, 0.3561$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.8933, 0.3856, 0.3042$, and the grayscale version is $24.1375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.0544, 0.2792, 0.3514$, and $10.9101, 0.2545, 0.3649$ is the 20% darker color. If you saturate the color by 10%, you get $26.8264, 0.2619, 0.3642$, and if you desaturate by 10%, it is $28.6702, 0.2794, 0.3485$.

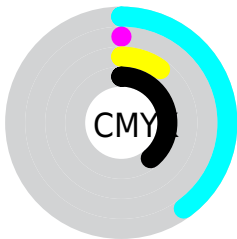
Distribution



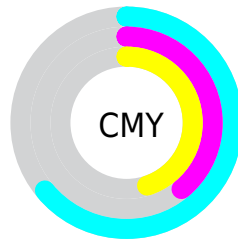
- Red (36%)
- Green (61%)
- Blue (55%)



- Red (36%)
- Yellow (50%)
- Blue (61%)



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





- Cyan (64%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6633, 0.2700, 0.3561 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 27.6633, 0.2700, 0.3561 by changing the saturation by 10% instead.


 27.6633, 0.2700,
0.3561


 27.6633, 0.2700,
0.3561


290.8545, 0.2932,
0.3413

 18.0720, 0.2635,
0.3603


 55.9464, 0.2789,
0.3504

 11.0017, 0.2547,
0.3660


 75.4071, 0.2821,
0.3483

 6.0680, 0.2422,
0.3743

 98.9263, 0.2848,
0.3466

 2.8865, 0.2227,
0.3872

 126.8884, 0.2870,
0.3452

 1.0727, 0.1690,
0.4204

159.6779, 0.2889,
0.3440

 0.0000, 0.0000,
0.0000

197.6792, 0.2905,

0.3430

241.2766, 0.2919,
0.3421

■ 27.6633, 0.2700,
0.3561

■ 27.6633, 0.2700,
0.3561

■ 26.8264, 0.2619,
0.3642

■ 28.6702, 0.2794,
0.3485

■ 26.1461, 0.2552,
0.3726

■ 29.8528, 0.2899,
0.3414

■ 25.6125, 0.2504,
0.3813

■ 31.2209, 0.3011,
0.3349


■ 25.2130, 0.2474,
0.3901

■ 32.7823, 0.3128,
0.3290

■ 24.9328, 0.2463,
0.3990


■ 34.5444, 0.3247,
0.3236


 24.7364, 0.2466,
0.4077

 36.5145, 0.3367,
0.3189

 24.7354, 0.2466,
0.4078

 38.6991, 0.3486,
0.3147

 41.1047, 0.3602,
0.3110

 43.7375, 0.3715,
0.3077

Harmonies

Analogous

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



27.6633, 0.3057, 0.3877



27.6633, 0.2700, 0.3561



27.6633, 0.2465, 0.3176

Triad

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



27.6633, 0.2700, 0.3561



27.6633, 0.2781, 0.2661



27.6633, 0.3912, 0.3654

Complementary

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



27.6633, 0.2700, 0.3561



15.8933, 0.3856, 0.3042

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.



27.6633, 0.3835, 0.3338



27.6633, 0.2700, 0.3561



27.6633, 0.3160, 0.2788

Square

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



27.6633, 0.2700, 0.3561



27.6633, 0.2510, 0.2679



27.6633, 0.3552, 0.3029



27.6633, 0.3764, 0.3904

Rectangle

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



27.6633, 0.2700, 0.3561



27.6633, 0.2401, 0.2950



27.6633, 0.3552, 0.3029



27.6633, 0.3912, 0.3552

Sweetspot

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



27.6644, 0.2700, 0.3561



55.3302, 0.2985, 0.3363



27.4544, 0.3217, 0.4426



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.



27.6644, 0.2700, 0.3561



48.1879, 0.2626, 0.3633



23.3111, 0.2547, 0.3007



7.0010, 0.3019, 0.3344



19.8762, 0.2464, 0.4071



0.3027, 0.2356, 0.3682

Inverse Universe

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



15.8933, 0.3856, 0.3042



24.0958, 0.4111, 0.2989



18.6015, 0.3993, 0.3551



6.2460, 0.3247, 0.3236



5.7124, 0.5903, 0.3025



0.0904, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 27.6633, 0.2700, 0.3561 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 27.6633, 0.2700, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

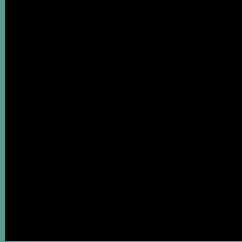
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6633, 0.2700, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 27.6633, 0.2700, 0.3561.

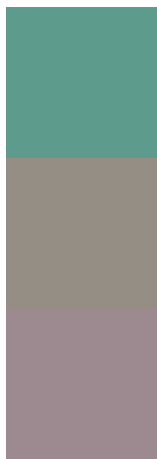


This preview shows how white text looks on a background with the Yxy color 27.6633, 0.2700, 0.3561.

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

27.6633, 0.2700, 0.3561

Protanopia

27.3354, 0.3284, 0.3436

Deuteranopia

27.2585, 0.3264, 0.3197



Tritanopia

27.7895, 0.2560, 0.3083

Trichromacy



Original Color

27.6633, 0.2700, 0.3561

Protanomaly

27.2342, 0.3037, 0.3478

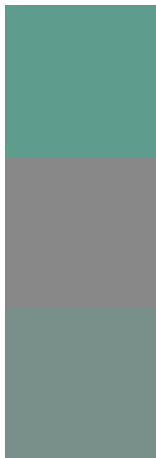
Deuteranomaly

26.9162, 0.3022, 0.3306

Tritanomaly

27.6904, 0.2613, 0.3253

Monochromacy



Original Color

27.6633, 0.2700, 0.3561

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.1452, 0.2946, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6633, 0.2700, 0.3561 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(93, 155, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 140)  
}
```

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(93, 155, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 140) }
```

Border

The CSS property to change the border of an element to Yxy 27.6633, 0.2700, 0.3561 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(93, 155, 140) }
```

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

```
.border{ border-color:rgb(93, 155, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6633, 0.2700, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 140) }
```

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

```
.background{ background-color: rgb(93, 155,  
140) }
```

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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