

Converting Colors

$Yxy(26.9450, 0.2685, 0.3524)$

Have a look what the booklet for
Yxy(26.9450, 0.2685, 0.3524)
contains.

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Color

$\text{Yxy}(26.9512, 0.2688, 0.3527)$

Conversions

Conversions Part 1

Format	Color
Hex	5C998C
RGB	92, 153, 140
RGB Percent	36%, 60%, 55%
CMY	0.6391, 0.4000, 0.4511
CMYK	0.40, 0.00, 0.09, 0.40
HSL	167°, 25%, 48%
HSV	167°, 40%, 60%
XYZ	20.5401, 26.9512, 28.9227
YIQ	133.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

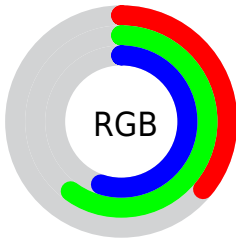
Format	Color
R_{YB}	92, 126, 153
Decimal	6068620
CIE _{Lab}	58.93, -22.92, 0.62
CIE _{LCh}	59, 22.931, 178.443
Yxy	26.9512, 0.2688, 0.3527
Android (android.graphics.Color)	4284258700 (0xFF5C998C)
YUV	133.2790, 3.3135, -36.2017
Hunter-Lab	51.9145, -20.2267, 3.3085

Details

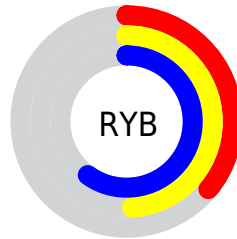
The Yxy color $26.9512, 0.2688, 0.3527$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.4544, 0.3880, 0.3072$, and the grayscale version is $23.5620, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9817, 0.2783, 0.3489$, and $10.6920, 0.2532, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $26.1470, 0.2604, 0.3597$, and if you desaturate by 10%, it is $27.9196, 0.2785, 0.3460$.

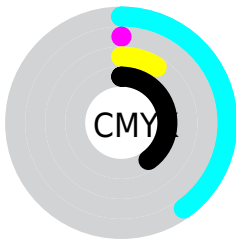
Distribution



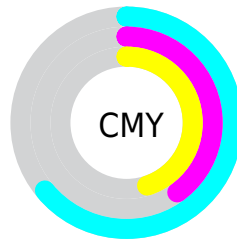
- Red (36%)
- Green (60%)
- Blue (55%)



- Red (36%)
- Yellow (49%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (64%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9512, 0.2688, 0.3527 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 26.9512, 0.2688, 0.3527 by changing the saturation by 10% instead.


 26.9512, 0.2688,
0.3527


 26.9512, 0.2688,
0.3527


287.4208, 0.2927,
0.3398


 17.5366, 0.2621,
0.3563


 54.8055, 0.2780,
0.3477


 10.6178, 0.2530,
0.3613


 74.0141, 0.2813,
0.3459

 5.8105, 0.2400,
0.3684

 97.2560, 0.2840,
0.3445

 2.7302, 0.2198,
0.3796

 124.9157, 0.2863,
0.3432

 0.9925, 0.1579,
0.4124

157.3777, 0.2883,
0.3422

 0.0000, 0.0000,
0.0000

195.0263, 0.2899,

0.3413

238.2458, 0.2914,
0.3405

■ 26.9512, 0.2688,
0.3527

■ 26.9512, 0.2688,
0.3527

■ 26.1470, 0.2604,
0.3597

■ 27.9196, 0.2785,
0.3460

■ 25.4940, 0.2535,
0.3671

■ 29.0578, 0.2893,
0.3398

■ 24.9827, 0.2484,
0.3747

■ 30.3751, 0.3008,
0.3341

■ 24.6009, 0.2452,
0.3823

■ 31.8792, 0.3129,
0.3289

■ 24.3345, 0.2438,
0.3900

■ 33.5772, 0.3252,
0.3242

■ 24.1488, 0.2438,
0.3977

■ 35.4760, 0.3377,
0.3200

■ 24.1460, 0.2438,
0.3978

■ 37.5822, 0.3500,
0.3163

■ 39.9018, 0.3621,
0.3131

■ 42.4409, 0.3738,
0.3102

Harmonies

Analogous

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



26.9512, 0.3030, 0.3845



26.9512, 0.2688, 0.3527



26.9512, 0.2469, 0.3152

Triad

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



26.9512, 0.2688, 0.3527



26.9512, 0.2814, 0.2679



26.9512, 0.3890, 0.3668

Complementary

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



26.9512, 0.2688, 0.3527



15.4544, 0.3880, 0.3072

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.



26.9512, 0.3831, 0.3361



26.9512, 0.2688, 0.3527



26.9512, 0.3189, 0.2813

Square

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



26.9512, 0.2688, 0.3527



26.9512, 0.2539, 0.2687



26.9512, 0.3568, 0.3056



26.9512, 0.3731, 0.3903

Rectangle

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



26.9512, 0.2688, 0.3527



26.9512, 0.2415, 0.2937



26.9512, 0.3568, 0.3056



26.9512, 0.3895, 0.3570

Sweetspot

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



26.9523, 0.2688, 0.3527



53.8047, 0.2980, 0.3354



26.5737, 0.3196, 0.4429



11.8186, 0.2967, 0.3361



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.9523, 0.2688, 0.3527



46.9448, 0.2611, 0.3591



22.1087, 0.2543, 0.2970



7.0040, 0.3016, 0.3338



19.9616, 0.2437, 0.3972



0.3035, 0.2343, 0.3633

Inverse Universe

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



15.4544, 0.3880, 0.3072



23.3649, 0.4149, 0.3025



18.5494, 0.3975, 0.3584



6.2432, 0.3251, 0.3243



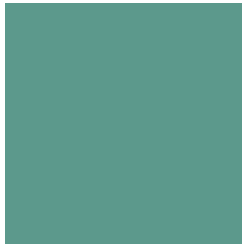
5.6907, 0.5989, 0.3073



0.0896, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 26.9512, 0.2688, 0.3527 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 26.9512, 0.2688, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

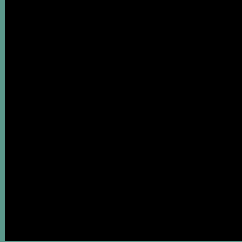
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9512, 0.2688, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 26.9512, 0.2688, 0.3527.

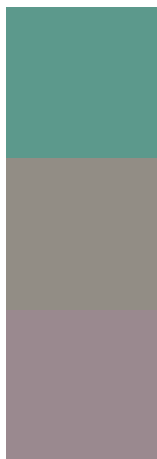


This preview shows how white text looks on a background with the Yxy color 26.9512, 0.2688, 0.3527.

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

26.9512, 0.2688, 0.3527

Protanopia

26.8542, 0.3263, 0.3421

Deuteranopia

26.7445, 0.3254, 0.3196



Tritanopia

27.0180, 0.2562, 0.3081

Trichromacy



Original Color

26.9512, 0.2688, 0.3527

Protanomaly

26.4640, 0.3017, 0.3445

Deuteranomaly

26.4232, 0.3011, 0.3307

Tritanomaly

26.9531, 0.2608, 0.3235

Monochromacy



Original Color

26.9512, 0.2688, 0.3527

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3853, 0.2935, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9512, 0.2688, 0.3527 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(92, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(92, 153, 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(92, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 153, 140) }
```

Border

The CSS property to change the border of an element to Yxy 26.9512, 0.2688, 0.3527 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(92, 153, 140) }
```

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

```
.border{ border-color:rgb(92, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(92, 153,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9512, 0.2688, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 153, 140) }
```

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

```
.background{ background-color: rgb(92, 153,  
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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