

Converting Colors

$Y_{xy}(26.9661, 0.2603, 0.3306)$

Have a look what the booklet for
Yxy(26.9661, 0.2603, 0.3306)
contains.

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Color

Yxy(26.9661, 0.2603, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	5C9897
RGB	92, 152, 151
RGB Percent	36%, 60%, 59%
CMY	0.6390, 0.4039, 0.4078
CMYK	0.39, 0.00, 0.01, 0.40
HSL	179°, 25%, 48%
HSV	179°, 39%, 60%
XYZ	21.2319, 26.9661, 33.3691
YIQ	133.9460, -35.4390, -13.0310

Conversions

Conversions Part 2

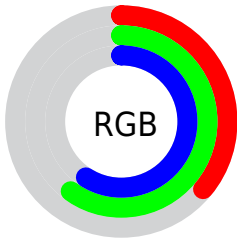
Format	Color
R_{YB}	92, 122, 152
Decimal	6068375
CIE _{Lab}	58.94, -19.65, -5.63
CIE _{LCh}	59, 20.440, 195.988
Yxy	26.9661, 0.2603, 0.3306
Android (android.graphics.Color)	4284258455 (0xFF5C9897)
YUV	133.9460, 8.4076, -36.7866
Hunter-Lab	51.9289, -17.8931, -1.7491

Details

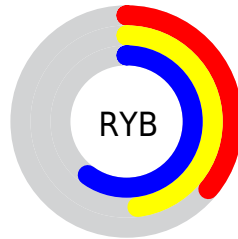
The Yxy color **26.9661, 0.2603, 0.3306** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.1284, 0.4062, 0.3276**, and the grayscale version is **23.8021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5701, 0.2709, 0.3302**, and **10.6588, 0.2423, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **26.2528, 0.2502, 0.3311**, and if you desaturate by 10%, it is **27.8386, 0.2719, 0.3302**.

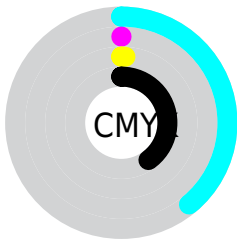
Distribution



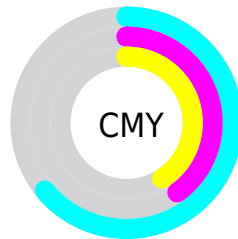
- Red (36%)
- Green (60%)
- Blue (59%)



- Red (36%)
- Yellow (48%)
- Blue (60%)



- Cyan (39%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (64%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9661, 0.2603, 0.3306 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 26.9661, 0.2603, 0.3306 by changing the saturation by 10% instead.


 26.9661, 0.2603,
0.3306


 26.9661, 0.2603,
0.3306


287.4929, 0.2885,
0.3302


 17.5478, 0.2525,
0.3305


 54.8295, 0.2711,
0.3306


 10.6258, 0.2421,
0.3303


 74.0433, 0.2750,
0.3305

 5.8158, 0.2273,
0.3297

 97.2910, 0.2782,
0.3305

 2.7334, 0.2050,
0.3280

 124.9572, 0.2809,
0.3304

 0.9942, 0.1527,
0.3291

157.4260, 0.2832,
0.3303

 0.0000, 0.0000,
0.0000

195.0820, 0.2852,

0.3303

238.3095, 0.2870,
0.3302

■ 26.9661, 0.2603,
0.3306

■ 26.9661, 0.2603,
0.3306

■ 26.2528, 0.2502,
0.3311

■ 27.8386, 0.2719,
0.3302

■ 25.6861, 0.2419,
0.3316

■ 28.8759, 0.2848,
0.3297

■ 25.2565, 0.2354,
0.3321

■ 30.0869, 0.2988,
0.3293


■ 24.9524, 0.2307,
0.3326

■ 31.4792, 0.3136,
0.3290

■ 24.7598, 0.2277,
0.3331

■ 33.0598, 0.3288,
0.3287


 24.6466, 0.2261,
0.3336

 34.8355, 0.3443,
0.3284

 24.6407, 0.2260,
0.3336

 36.8126, 0.3598,
0.3281

 38.9972, 0.3751,
0.3279

 41.3950, 0.3900,
0.3278

Harmonies

Analogous

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



26.9661, 0.2853, 0.3631



26.9661, 0.2603, 0.3306



26.9661, 0.2490, 0.2999

Triad

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



26.9661, 0.2603, 0.3306



26.9661, 0.3038, 0.2797



26.9661, 0.3747, 0.3766

Complementary

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



26.9661, 0.2603, 0.3306



15.1284, 0.4062, 0.3276

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.



26.9661, 0.3809, 0.3522



26.9661, 0.2603, 0.3306



26.9661, 0.3387, 0.2980

Square

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



26.9661, 0.2603, 0.3306



26.9661, 0.2731, 0.2728



26.9661, 0.3675, 0.3239



26.9661, 0.3515, 0.3898

Rectangle

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



26.9661, 0.2603, 0.3306



26.9661, 0.2503, 0.2848



26.9661, 0.3675, 0.3239



26.9661, 0.3789, 0.3693

Sweetspot

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



26.9672, 0.2603, 0.3306



52.4819, 0.2948, 0.3294



25.5578, 0.3081, 0.4454



11.8703, 0.2932, 0.3295



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.



26.9672, 0.2603, 0.3306



46.5178, 0.2517, 0.3310



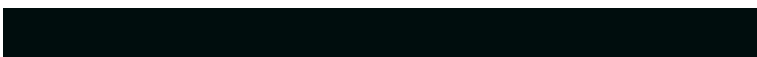
18.7156, 0.2514, 0.2740



7.0248, 0.2991, 0.3293



20.6630, 0.2260, 0.3336



0.3094, 0.2254, 0.3313

Inverse Universe

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



15.1284, 0.4062, 0.3276



22.7284, 0.4378, 0.3274



21.1285, 0.3884, 0.3778



6.2242, 0.3281, 0.3287



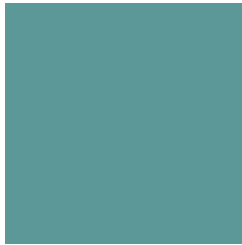
5.6022, 0.6377, 0.3286



0.0841, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 26.9661, 0.2603, 0.3306 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 26.9661, 0.2603, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

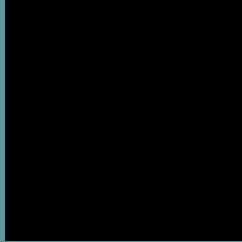
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9661, 0.2603, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 26.9661, 0.2603, 0.3306.

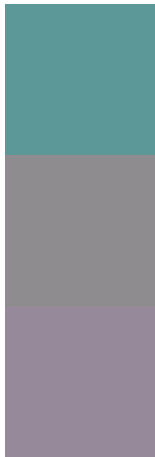


This preview shows how white text looks on a background with the Yxy color 26.9661, 0.2603, 0.3306.

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

26.9661, 0.2603, 0.3306

Protanopia

26.6094, 0.3119, 0.3225

Deuteranopia

26.6140, 0.3086, 0.3022



Tritanopia

26.8542, 0.2540, 0.3080

Trichromacy



Original Color

26.9661, 0.2603, 0.3306

Protanomaly

26.3382, 0.2896, 0.3238

Deuteranomaly

26.2351, 0.2879, 0.3106

Tritanomaly

26.9815, 0.2564, 0.3165

Monochromacy



Original Color

26.9661, 0.2603, 0.3306

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.8651, 0.2908, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9661, 0.2603, 0.3306 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, 152, 151)` looks like.

```
.text, #text, p{  
    color:rgb(92, 152, 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(92, 152, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 152, 151) }
```

Border

The CSS property to change the border of an element to Yxy 26.9661, 0.2603, 0.3306 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, 152, 151) }
```

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

```
.border{ border-color:rgb(92, 152, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 152, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 152, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 152, 151);  
box-shadow:4px 4px 4px 4px rgb(92, 152,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9661, 0.2603, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 152, 151) }
```

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

```
.background{ background-color: rgb(92, 152,  
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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