

Converting Colors

$Yxy(26.6134, 0.2542, 0.3291)$

Have a look what the booklet for
Yxy(26.6134, 0.2542, 0.3291)
contains.

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Color

Yxy(26.6083, 0.2540, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	549898
RGB	84, 152, 152
RGB Percent	33%, 60%, 60%
CMY	0.6704, 0.4039, 0.4039
CMYK	0.45, 0.00, 0.00, 0.40
HSL	180°, 29%, 46%
HSV	180°, 45%, 60%
XYZ	20.5551, 26.6083, 33.7621
YIQ	131.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

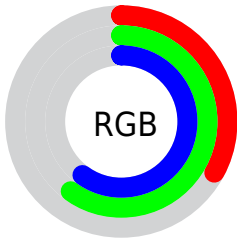
Format	Color
R_{YB}	84, 118, 152
Decimal	5544088
CIE _{Lab}	58.61, -21.47, -6.73
CIE _{LCh}	59, 22.504, 197.405
Yxy	26.6083, 0.2540, 0.3288
Android (android.graphics.Color)	4283734168 (0xFF549898)
YUV	131.6680, 10.0237, -41.8048
Hunter-Lab	51.5832, -19.1413, -2.6981

Details

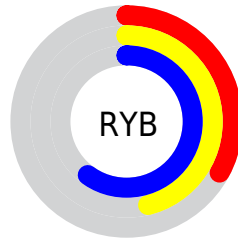
The Yxy color **26.6083, 0.2540, 0.3288** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.6664, 0.4272, 0.3294**, and the grayscale version is **22.9270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4852, 0.2662, 0.3302**, and **10.4800, 0.2339, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **25.9810, 0.2447, 0.3288**, and if you desaturate by 10%, it is **27.3899, 0.2650, 0.3288**.

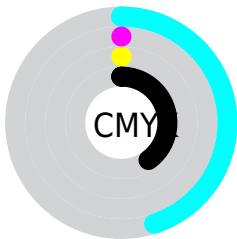
Distribution



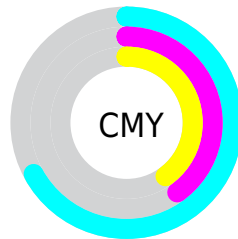
- Red (33%)
- Green (60%)
- Blue (60%)



- Red (33%)
- Yellow (46%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)




- Cyan (67%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6083, 0.2540, 0.3288 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 26.6083, 0.2540, 0.3288 by changing the saturation by 10% instead.


 26.6083, 0.2540,
0.3288


 26.6083, 0.2540,
0.3288


285.7555, 0.2856,
0.3295


 17.2793, 0.2453,
0.3284


 54.2547, 0.2661,
0.3292


 10.4338, 0.2337,
0.3276


 73.3408, 0.2704,
0.3293

 5.6875, 0.2173,
0.3261

 96.4481, 0.2740,
0.3294

 2.6560, 0.1926,
0.3229

 123.9609, 0.2771,
0.3294

 0.9549, 0.1292,
0.3233

 156.2637, 0.2797,
0.3295

 0.0000, 0.0000,
0.0000

193.7408, 0.2819,

0.3295

236.7766, 0.2839,
0.3295

■ 26.6083, 0.2540,
0.3288

■ 26.6083, 0.2540,
0.3288

■ 25.9810, 0.2447,
0.3288

■ 27.3899, 0.2650,
0.3288

■ 25.4949, 0.2372,
0.3287

■ 28.3318, 0.2774,
0.3289

■ 25.1401, 0.2316,
0.3287


■ 29.4434, 0.2910,
0.3289

■ 24.9036, 0.2277,
0.3287

■ 30.7323, 0.3056,
0.3290

■ 24.7695, 0.2255,
0.3287

■ 32.2060, 0.3208,
0.3290

 24.7171, 0.2246,
0.3287

 33.8712, 0.3365,
0.3291

 35.7346, 0.3523,
0.3291

 37.8023, 0.3680,
0.3292

 40.0803, 0.3834,
0.3292

Harmonies

Analogous

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



26.6083, 0.2808, 0.3653



26.6083, 0.2540, 0.3288



26.6083, 0.2426, 0.2952

Triad

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



26.6083, 0.2540, 0.3288



26.6083, 0.3046, 0.2756



26.6083, 0.3803, 0.3823

Complementary

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



26.6083, 0.2540, 0.3288



13.6664, 0.4272, 0.3294

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.



26.6083, 0.3883, 0.3556



26.6083, 0.2540, 0.3288



26.6083, 0.3431, 0.2961

Square

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



26.6083, 0.2540, 0.3288



26.6083, 0.2703, 0.2673



26.6083, 0.3746, 0.3246



26.6083, 0.3538, 0.3966

Rectangle

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



26.6083, 0.2540, 0.3288



26.6083, 0.2445, 0.2792



26.6083, 0.3746, 0.3246



26.6083, 0.3853, 0.3744

Sweetspot

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



26.6093, 0.2540, 0.3288



52.2753, 0.2931, 0.3289



24.9872, 0.3064, 0.4642



11.7816, 0.2902, 0.3289



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.



26.6093, 0.2540, 0.3288



45.8196, 0.2444, 0.3288



17.1171, 0.2428, 0.2629



7.0264, 0.2989, 0.3290



20.7219, 0.2246, 0.3287



0.3099, 0.2246, 0.3287

Inverse Universe

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



15.2904, 0.3177, 0.2229



23.1499, 0.3187, 0.2019



20.2801, 0.4005, 0.3862



6.3236, 0.3137, 0.3071



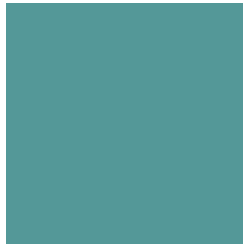
7.4972, 0.3210, 0.1542



0.1121, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.6083, 0.2540, 0.3288 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 26.6083, 0.2540, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

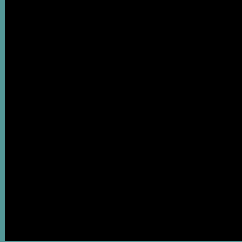
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6083, 0.2540, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 26.6083, 0.2540, 0.3288.

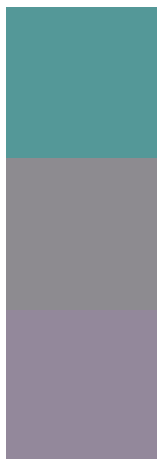


This preview shows how white text looks on a background with the Yxy color 26.6083, 0.2540, 0.3288.

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

26.6083, 0.2540, 0.3288

Protanopia

26.1416, 0.3099, 0.3208

Deuteranopia

26.1779, 0.3055, 0.2989



Tritanopia

26.4833, 0.2478, 0.3059

Trichromacy



Original Color

26.6083, 0.2540, 0.3288

Protanomaly

26.0462, 0.2857, 0.3238

Deuteranomaly

25.9642, 0.2832, 0.3087

Tritanomaly

26.6149, 0.2501, 0.3146

Monochromacy



Original Color

26.6083, 0.2540, 0.3288

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9742, 0.2876, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6083, 0.2540, 0.3288 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(84, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(84, 152, 152)  
}
```

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(84, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 152, 152) }
```

Border

The CSS property to change the border of an element to Yxy 26.6083, 0.2540, 0.3288 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(84, 152, 152) }
```

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

```
.border{ border-color:rgb(84, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(84, 152,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6083, 0.2540, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 152, 152) }
```

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

```
.background{ background-color: rgb(84, 152,  
152) }
```

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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