

Converting Colors

$Yxy(26.5170, 0.2128, 0.2676)$

Have a look what the booklet for
Yxy(26.5170, 0.2128, 0.2676)
contains.

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Color

$Yxy(26.4994, 0.2128, 0.2672)$

Conversions

Conversions Part 1

Format	Color
Hex	2698BC
RGB	38, 152, 188
RGB Percent	15%, 60%, 74%
CMY	0.8508, 0.4039, 0.2628
CMYK	0.80, 0.19, 0.00, 0.26
HSL	194°, 66%, 44%
HSV	194°, 80%, 74%
XYZ	21.1043, 26.4994, 51.5707
YIQ	122.0180, -79.5000, -12.9720

Conversions

Conversions Part 2

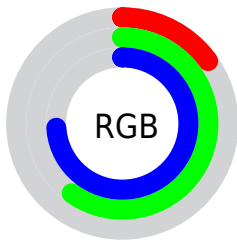
Format	Color
R_{YB}	38, 103, 188
Decimal	2529468
CIE _{Lab}	58.51, -18.38, -27.44
CIE _{LCh}	59, 33.027, 236.176
Yxy	26.4994, 0.2128, 0.2672
Android (android.graphics.Color)	4280719548 (0xFF2698BC)
YUV	122.0180, 32.5291, -73.6838
Hunter-Lab	51.4776, -16.9059, -23.3630

Details

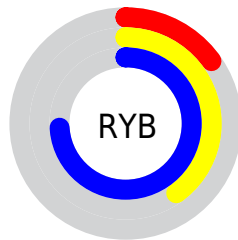
The Yxy color **26.4994, 0.2128, 0.2672** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **15.7316, 0.5486, 0.3667**, and the grayscale version is **19.3844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8624, 0.2321, 0.2804**, and **11.0566, 0.2021, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **24.7915, 0.2070, 0.2584**, and if you desaturate by 10%, it is **28.4452, 0.2206, 0.2761**.

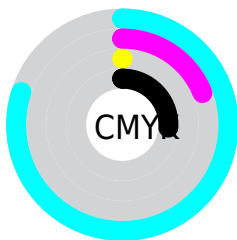
Distribution



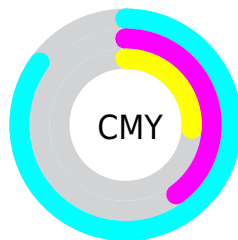
- Red (15%)
- Green (60%)
- Blue (74%)



- Red (15%)
- Yellow (40%)
- Blue (74%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4994, 0.2128, 0.2672 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 26.4994, 0.2128, 0.2672 by changing the saturation by 10% instead.

■ 26.4994, 0.2128,
0.2672

■ 26.4994, 0.2128,
0.2672

■ 285.2251, 0.2650,
0.3017

■ 17.1976, 0.1993,
0.2575

■ 54.0795, 0.2322,
0.2806

■ 10.3755, 0.1819,
0.2444

■ 73.1266, 0.2393,
0.2853

■ 5.6486, 0.1587,
0.2259

■ 96.1910, 0.2454,
0.2893

■ 2.6326, 0.1270,
0.1986

■ 123.6570, 0.2505,
0.2926

■ 0.9431, 0.0744,
0.1573

■ 155.9090, 0.2549,
0.2954

■ 0.0000, 0.0000,
0.0000

193.3314, 0.2587,

0.2978

236.3086, 0.2620,
0.2998

■ 26.4994, 0.2128,
0.2672

■ 26.4994, 0.2128,
0.2672

■ 24.7915, 0.2070,
0.2584

■ 28.4452, 0.2206,
0.2761

■ 23.2718, 0.2027,
0.2496

■ 30.6507, 0.2303,
0.2848

■ 23.2363, 0.2026,
0.2494

■ 33.1376, 0.2416,
0.2934

■ 35.9245, 0.2543,
0.3016

■ 39.0278, 0.2682,
0.3093

■ 42.4628, 0.2828,
0.3165

■ 46.2437, 0.2979,
0.3231

■ 50.3837, 0.3131,
0.3291

■ 54.8952, 0.3282,
0.3346

Harmonies

Analogous

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



26.4994, 0.2212, 0.3112



26.4994, 0.2128, 0.2672



26.4994, 0.2276, 0.2444

Triad

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



26.4994, 0.2128, 0.2672



26.4994, 0.3726, 0.2924



26.4994, 0.3560, 0.4306

Complementary

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



26.4994, 0.2128, 0.2672



15.7316, 0.5486, 0.3667

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.



26.4994, 0.4013, 0.4136



26.4994, 0.2128, 0.2672



26.4994, 0.4132, 0.3336

Square

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



26.4994, 0.2128, 0.2672



26.4994, 0.3164, 0.2603



26.4994, 0.4234, 0.3770



26.4994, 0.3014, 0.4146

Rectangle

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



26.4994, 0.2128, 0.2672



26.4994, 0.2496, 0.2412



26.4994, 0.4234, 0.3770



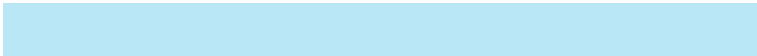
26.4994, 0.3729, 0.4281

Sweetspot

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



26.5003, 0.2128, 0.2672



74.0096, 0.2760, 0.3132



36.8546, 0.2888, 0.5325



15.4446, 0.2708, 0.3106



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.5003, 0.2128, 0.2672



42.7813, 0.2037, 0.2515



9.4965, 0.1779, 0.1341



10.4109, 0.2985, 0.3234



15.9429, 0.2029, 0.2505



0.7199, 0.2087, 0.2714

Inverse Universe

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



14.3459, 0.3738, 0.1979



23.2372, 0.3905, 0.1939



32.0103, 0.4523, 0.4571



9.6561, 0.3173, 0.3117



8.6391, 0.3917, 0.1932



0.3480, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 26.4994, 0.2128, 0.2672 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 26.4994, 0.2128, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

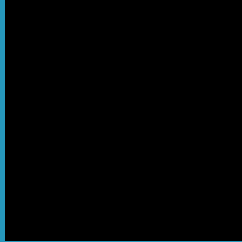
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4994, 0.2128, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 26.4994, 0.2128, 0.2672.

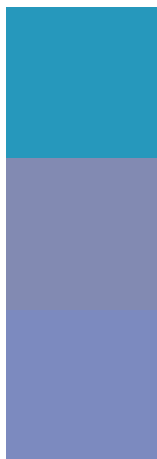


This preview shows how white text looks on a background with the Yxy color 26.4994, 0.2128, 0.2672.

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

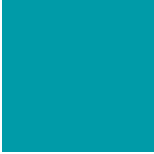
26.4994, 0.2128, 0.2672

Protanopia

26.1371, 0.2680, 0.2660

Deuteranopia

26.2236, 0.2530, 0.2475



Tritanopia

26.2698, 0.2180, 0.3048

Trichromacy



Original Color

26.4994, 0.2128, 0.2672

Protanomaly

25.5637, 0.2398, 0.2643

Deuteranomaly

25.6898, 0.2322, 0.2525

Tritanomaly

26.2997, 0.2155, 0.2910

Monochromacy



Original Color

26.4994, 0.2128, 0.2672

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

21.0745, 0.2582, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4994, 0.2128, 0.2672 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(38, 152, 188)` looks like.

```
.text, #text, p{  
    color:rgb(38, 152, 188)  
}
```

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(38, 152, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 152, 188) }
```

Border

The CSS property to change the border of an element to Yxy 26.4994, 0.2128, 0.2672 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(38, 152, 188) }
```

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

```
.border{ border-color:rgb(38, 152, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 152, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 152, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 152, 188);  
box-shadow:4px 4px 4px 4px rgb(38, 152,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4994, 0.2128, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 152, 188) }
```

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

```
.background{ background-color: rgb(38, 152,  
188) }
```

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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