

Converting Colors

$Y_{xy}(26.2360, 0.2208, 0.2862)$

Have a look what the booklet for
Yxy(26.2360, 0.2208, 0.2862)
contains.

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Color

$\text{Yxy}(26.1719, 0.2209, 0.2863)$

Conversions

Conversions Part 1

Format	Color
Hex	2E98B0
RGB	46, 152, 176
RGB Percent	18%, 60%, 69%
CMY	0.8191, 0.4039, 0.3099
CMYK	0.74, 0.14, 0.00, 0.31
HSL	191°, 58%, 44%
HSV	191°, 74%, 69%
XYZ	20.1934, 26.1719, 45.0489
YIQ	123.0420, -70.8800, -15.0080

Conversions

Conversions Part 2

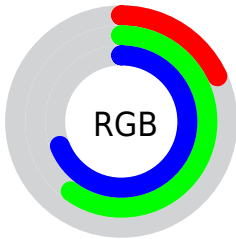
Format	Color
R_{YB}	46, 104, 176
Decimal	3053744
CIE _{Lab}	58.20, -21.48, -21.10
CIE _{LCh}	58, 30.106, 224.492
Yxy	26.1719, 0.2209, 0.2863
Android (android.graphics.Color)	4281243824 (0xFF2E98B0)
YUV	123.0420, 26.1083, -67.5658
Hunter-Lab	51.1585, -19.0694, -16.3984

Details

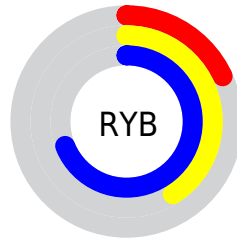
The Yxy color **26.1719, 0.2209, 0.2863** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.8192, 0.5336, 0.3581**, and the grayscale version is **19.7630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3483, 0.2388, 0.2949**, and **10.7374, 0.2092, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **24.8030, 0.2146, 0.2797**, and if you desaturate by 10%, it is **27.7392, 0.2291, 0.2929**.

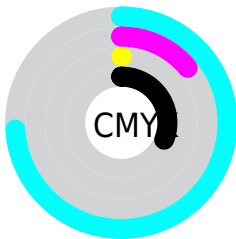
Distribution



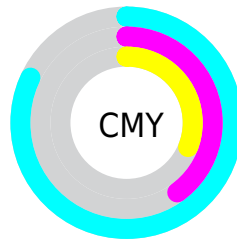
- Red (18%)
- Green (60%)
- Blue (69%)



- Red (18%)
- Yellow (41%)
- Blue (69%)



- Cyan (74%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)





- Cyan (82%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1719, 0.2209, 0.2863 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 26.1719, 0.2209, 0.2863 by changing the saturation by 10% instead.


 26.1719, 0.2209,
0.2863


 26.1719, 0.2209,
0.2863


283.6249, 0.2693,
0.3108


 16.9523, 0.2081,
0.2791

 53.5521, 0.2390,
0.2960


 10.2005, 0.1915,
0.2690


 72.4815, 0.2457,
0.2994

 5.5321, 0.1689,
0.2544

 95.4163, 0.2512,
0.3022

 2.5627, 0.1372,
0.2316

 122.7409, 0.2560,
0.3045

 0.9080, 0.0733,
0.1965

 154.8397, 0.2600,
0.3065

 0.0000, 0.0000,
0.0000

192.0970, 0.2635,

0.3081

234.8973, 0.2666,
0.3096

■ 26.1719, 0.2209,
0.2863

■ 26.1719, 0.2209,
0.2863

■ 24.8030, 0.2146,
0.2797

■ 27.7392, 0.2291,
0.2929

■ 23.6074, 0.2102,
0.2731

■ 29.5206, 0.2390,
0.2994

■ 22.9226, 0.2081,
0.2690

■ 31.5331, 0.2505,
0.3057

■ 33.7910, 0.2634,
0.3116

■ 36.3075, 0.2773,
0.3173

■ 39.0947, 0.2919,
0.3225

■ 42.1639, 0.3070,
0.3273

■ 45.5256, 0.3222,
0.3317

■ 49.1899, 0.3373,
0.3356

Harmonies

Analogous

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



26.1719, 0.2374, 0.3326



26.1719, 0.2209, 0.2863



26.1719, 0.2263, 0.2570

Triad

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



26.1719, 0.2209, 0.2863



26.1719, 0.3483, 0.2824



26.1719, 0.3708, 0.4191

Complementary

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



26.1719, 0.2209, 0.2863



13.8192, 0.5336, 0.3581

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.



26.1719, 0.4052, 0.3957



26.1719, 0.2209, 0.2863



26.1719, 0.3929, 0.3182

Square

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



26.1719, 0.2209, 0.2863



26.1719, 0.2963, 0.2574



26.1719, 0.4141, 0.3585



26.1719, 0.3225, 0.4163

Rectangle

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



26.1719, 0.2209, 0.2863



26.1719, 0.2417, 0.2487



26.1719, 0.4141, 0.3585



26.1719, 0.3845, 0.4136

Sweetspot

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



26.1728, 0.2209, 0.2863



66.5488, 0.2793, 0.3180



32.0665, 0.2918, 0.5269



14.1480, 0.2755, 0.3166



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.1728, 0.2209, 0.2863



43.4976, 0.2115, 0.2752



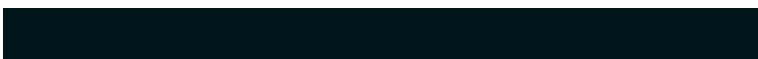
10.5737, 0.1895, 0.1616



9.3594, 0.2986, 0.3247



16.9027, 0.2083, 0.2697



0.6010, 0.2133, 0.2880

Inverse Universe

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



13.4581, 0.3557, 0.1950



21.2422, 0.3674, 0.1844



26.7137, 0.4500, 0.4446



8.6193, 0.3165, 0.3106



8.2465, 0.3731, 0.1829



0.2665, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 26.1719, 0.2209, 0.2863 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 26.1719, 0.2209, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

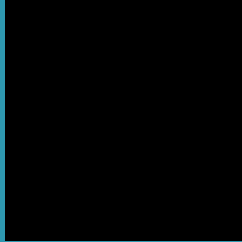
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1719, 0.2209, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 26.1719, 0.2209, 0.2863.

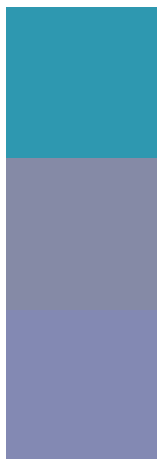


This preview shows how white text looks on a background with the Yxy color 26.1719, 0.2209, 0.2863.

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

26.1719, 0.2209, 0.2863

Protanopia

25.9167, 0.2809, 0.2839

Deuteranopia

25.9713, 0.2680, 0.2632



Tritanopia

26.2764, 0.2246, 0.3068

Trichromacy



Original Color

26.1719, 0.2209, 0.2863

Protanomaly

25.3139, 0.2508, 0.2829

Deuteranomaly

25.2697, 0.2442, 0.2688

Tritanomaly

26.1562, 0.2229, 0.2980

Monochromacy



Original Color

26.1719, 0.2209, 0.2863

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.4361, 0.2653, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1719, 0.2209, 0.2863 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(46, 152, 176)` looks like.

```
.text, #text, p{  
    color:rgb(46, 152, 176)  
}
```

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(46, 152, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 152, 176) }
```

Border

The CSS property to change the border of an element to Yxy 26.1719, 0.2209, 0.2863 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(46, 152, 176) }
```

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

```
.border{ border-color:rgb(46, 152, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 152, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 152, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 152, 176);  
box-shadow:4px 4px 4px 4px rgb(46, 152,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1719, 0.2209, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 152, 176) }
```

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

```
.background{ background-color: rgb(46, 152,  
176) }
```

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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