

Converting Colors

$Y_{xy}(26.5172, 0.2362, 0.2776)$

Have a look what the booklet for
Yxy(26.5172, 0.2362, 0.2776)
contains.

Yxy(26.4129, 0.2362, 0.2765)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4129, 0.2362, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	5694B3
RGB	86, 148, 179
RGB Percent	34%, 58%, 70%
CMY	0.6627, 0.4196, 0.2981
CMYK	0.52, 0.17, 0.00, 0.30
HSL	200°, 38%, 52%
HSV	200°, 52%, 70%
XYZ	22.5632, 26.4129, 46.5498
YIQ	132.9960, -46.9030, -3.5030

Conversions

Conversions Part 2

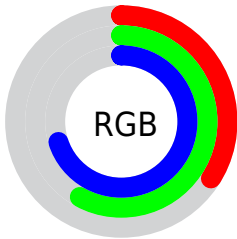
Format	Color
R_{YB}	86, 123, 179
Decimal	5674163
CIE _{Lab}	58.43, -11.21, -22.34
CIE _{LCh}	58, 25.000, 243.351
Yxy	26.4129, 0.2362, 0.2765
Android (android.graphics.Color)	4283864243 (0xFF5694B3)
YUV	132.9960, 22.6800, -41.2155
Hunter-Lab	51.3935, -11.5720, -17.7266

Details

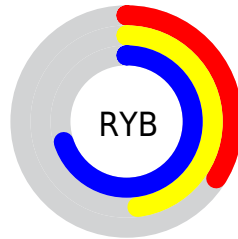
The Yxy color **26.4129, 0.2362, 0.2765** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **22.9738, 0.4334, 0.3739**, and the grayscale version is **23.3832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9019, 0.2512, 0.2874**, and **10.2624, 0.2112, 0.2567** is the 20% darker color. If you saturate the color by 10%, you get **23.8448, 0.2239, 0.2643**, and if you desaturate by 10%, it is **29.2921, 0.2498, 0.2882**.

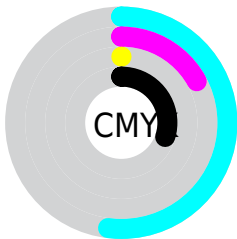
Distribution



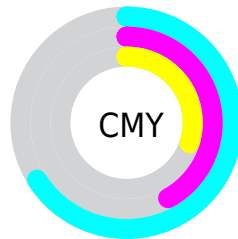
- Red (34%)
- Green (58%)
- Blue (70%)



- Red (34%)
- Yellow (48%)
- Blue (70%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (66%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4129, 0.2362, 0.2765 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 26.4129, 0.2362, 0.2765 by changing the saturation by 10% instead.

■ 26.4129, 0.2362,
0.2765

■ 26.4129, 0.2362,
0.2765

■ 284.8031, 0.2768,
0.3055

■ 17.1328, 0.2254,
0.2683

■ 53.9403, 0.2515,
0.2877

■ 10.3292, 0.2111,
0.2573

■ 72.9564, 0.2571,
0.2917

■ 5.6178, 0.1916,
0.2416

■ 95.9866, 0.2617,
0.2950

■ 2.6141, 0.1636,
0.2179

■ 123.4153, 0.2657,
0.2978

■ 0.9338, 0.1181,
0.1798

■ 155.6269, 0.2691,
0.3002

■ 0.0000, 0.0000,
0.0000

193.0058, 0.2720,

0.3022

235.9364, 0.2746,
0.3040

■ 26.4129, 0.2362,
0.2765

■ 26.4129, 0.2362,
0.2765

■ 23.8448, 0.2239,
0.2643

■ 29.2921, 0.2498,
0.2882

■ 21.5672, 0.2133,
0.2517

■ 32.4954, 0.2642,
0.2993

■ 19.5612, 0.2045,
0.2390

■ 36.0384, 0.2793,
0.3095

■ 17.8032, 0.1978,
0.2265

■ 39.9346, 0.2945,
0.3189

■ 16.5305, 0.1935,
0.2165

■ 44.1969, 0.3098,
0.3274

■ 48.8370, 0.3247,
0.3351

■ 53.8666, 0.3393,
0.3419

■ 59.2964, 0.3532,
0.3480

■ 65.1367, 0.3665,
0.3533

Harmonies

Analogous

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



26.4129, 0.2387, 0.3073



26.4129, 0.2362, 0.2765



26.4129, 0.2523, 0.2618

Triad

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



26.4129, 0.2362, 0.2765



26.4129, 0.3671, 0.3084



26.4129, 0.3371, 0.4044

Complementary

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



26.4129, 0.2362, 0.2765



22.9738, 0.4334, 0.3739

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.



26.4129, 0.3740, 0.3989



26.4129, 0.2362, 0.2765



26.4129, 0.3928, 0.3421

Square

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



26.4129, 0.2362, 0.2765



26.4129, 0.3265, 0.2807



26.4129, 0.3951, 0.3750



26.4129, 0.2952, 0.3857

Rectangle

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



26.4129, 0.2362, 0.2765



26.4129, 0.2722, 0.2614



26.4129, 0.3951, 0.3750



26.4129, 0.3505, 0.4052

Sweetspot

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



26.4139, 0.2362, 0.2765



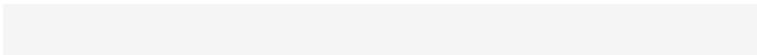
68.4385, 0.2879, 0.3150



35.4620, 0.2866, 0.4404



14.8496, 0.2848, 0.3130



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.4139, 0.2362, 0.2765



42.2393, 0.2227, 0.2629



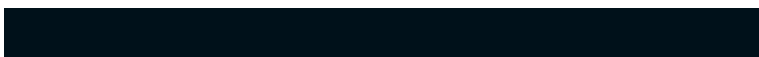
14.9434, 0.2202, 0.1956



9.1449, 0.2986, 0.3212



11.8063, 0.1939, 0.2179



0.4734, 0.2035, 0.2526

Inverse Universe

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



18.3766, 0.3598, 0.2425



27.6384, 0.3743, 0.2276



36.0739, 0.3984, 0.4332



8.5976, 0.3187, 0.3139



7.7320, 0.4254, 0.2117



0.2536, 0.3897, 0.1920

Previews

White Background



This preview shows how the Yxy color 26.4129, 0.2362, 0.2765 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 26.4129, 0.2362, 0.2765 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 26.4129, 0.2362, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 26.4129, 0.2362, 0.2765.

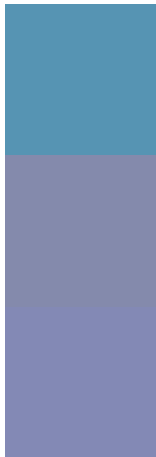


This preview shows how white text looks on a background with the Yxy color 26.4129, 0.2362, 0.2765.

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

26.4129, 0.2362, 0.2765

Protanopia

26.0610, 0.2748, 0.2749

Deuteranopia

26.0528, 0.2664, 0.2604



Tritanopia

26.4830, 0.2437, 0.3075

Trichromacy



Original Color

26.4129, 0.2362, 0.2765

Protanomaly

26.0860, 0.2581, 0.2750

Deuteranomaly

25.9899, 0.2542, 0.2660

Tritanomaly

26.4711, 0.2407, 0.2957

Monochromacy



Original Color

26.4129, 0.2362, 0.2765

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0920, 0.2786, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4129, 0.2362, 0.2765 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(86, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(86, 148, 179)  
}
```

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(86, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 148, 179) }
```

Border

The CSS property to change the border of an element to Yxy 26.4129, 0.2362, 0.2765 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(86, 148, 179) }
```

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

```
.border{ border-color:rgb(86, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 148, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 148, 179);  
box-shadow:4px 4px 4px 4px rgb(86, 148,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4129, 0.2362, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 148, 179) }
```

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

```
.background{ background-color: rgb(86, 148,  
179) }
```

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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