

Converting Colors

$Y_{xy}(26.1843, 0.2366, 0.2698)$

Have a look what the booklet for
Yxy(26.1843, 0.2366, 0.2698)
contains.

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Color

Yxy(26.1088, 0.2362, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	5A92B6
RGB	90, 146, 182
RGB Percent	35%, 57%, 71%
CMY	0.6468, 0.4275, 0.2863
CMYK	0.51, 0.20, 0.00, 0.29
HSL	203°, 39%, 53%
HSV	203°, 51%, 71%
XYZ	22.9423, 26.1088, 48.0798
YIQ	133.3600, -44.9320, -0.6760

Conversions

Conversions Part 2

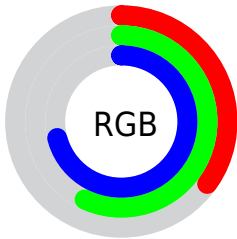
Format	Color
R _Y B	90, 125, 182
Decimal	5935798
CIE Lab	58.14, -8.25, -24.47
CIE LCh	58, 25.825, 251.364
Yxy	26.1088, 0.2362, 0.2688
Android (android.graphics.Color)	4284125878 (0xFF5A92B6)
YUV	133.3600, 23.9795, -38.0267
Hunter-Lab	51.0968, -9.2733, -20.0216

Details

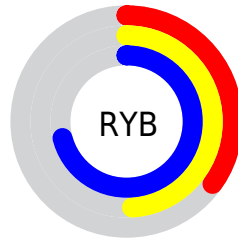
The Yxy color **26.1088, 0.2362, 0.2688** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.6206, 0.4247, 0.3804**, and the grayscale version is **23.5221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5013, 0.2514, 0.2816**, and **10.2420, 0.2112, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **23.1764, 0.2229, 0.2543**, and if you desaturate by 10%, it is **29.4036, 0.2506, 0.2827**.

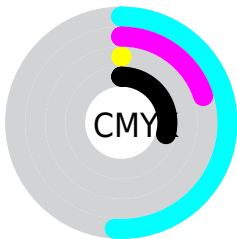
Distribution



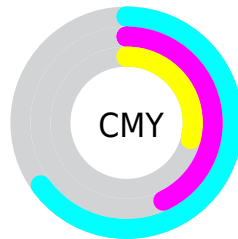
- Red (35%)
- Green (57%)
- Blue (71%)



- Red (35%)
- Yellow (49%)
- Blue (71%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1088, 0.2362, 0.2688 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 26.1088, 0.2362, 0.2688 by changing the saturation by 10% instead.

■ 26.1088, 0.2362,
0.2688

■ 26.1088, 0.2362,
0.2688

■ 283.3158, 0.2769,
0.3017

■ 16.9051, 0.2253,
0.2597

■ 53.4504, 0.2515,
0.2815

■ 10.1668, 0.2110,
0.2474

■ 72.3571, 0.2571,
0.2860

■ 5.5097, 0.1915,
0.2301

■ 95.2668, 0.2618,
0.2898

■ 2.5493, 0.1635,
0.2045

■ 122.5641, 0.2657,
0.2929

■ 0.9013, 0.1194,
0.1643

■ 154.6332, 0.2691,
0.2956

■ 0.0000, 0.0000,
0.0000

191.8586, 0.2721,

0.2979

234.6246, 0.2746,
0.3000

■ 26.1088, 0.2362,
0.2688

■ 26.1088, 0.2362,
0.2688

■ 23.1764, 0.2229,
0.2543

■ 29.4036, 0.2506,
0.2827

■ 20.5844, 0.2112,
0.2393

■ 33.0751, 0.2657,
0.2957

■ 18.3124, 0.2013,
0.2242

■ 37.1404, 0.2812,
0.3077

■ 16.3353, 0.1935,
0.2093

■ 41.6143, 0.2967,
0.3186

■ 14.6859, 0.1876,
0.1955

■ 46.5108, 0.3119,
0.3285

■ 51.8432, 0.3267,
0.3374

■ 57.6241, 0.3410,
0.3453

■ 63.8654, 0.3545,
0.3522

■ 70.5787, 0.3673,
0.3583

Harmonies

Analogous

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



26.1088, 0.2335, 0.2964



26.1088, 0.2362, 0.2688



26.1088, 0.2576, 0.2585

Triad

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



26.1088, 0.2362, 0.2688



26.1088, 0.3782, 0.3166



26.1088, 0.3263, 0.4047

Complementary

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



26.1088, 0.2362, 0.2688



25.6206, 0.4247, 0.3804

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.



26.1088, 0.3671, 0.4053



26.1088, 0.2362, 0.2688



26.1088, 0.3990, 0.3518

Square

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



26.1088, 0.2362, 0.2688



26.1088, 0.3389, 0.2857



26.1088, 0.3944, 0.3844



26.1088, 0.2835, 0.3788

Rectangle

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



26.1088, 0.2362, 0.2688



26.1088, 0.2808, 0.2611



26.1088, 0.3944, 0.3844



26.1088, 0.3407, 0.4078

Sweetspot

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



26.1098, 0.2362, 0.2688



71.5141, 0.2894, 0.3136



37.1168, 0.2831, 0.4259



15.4214, 0.2861, 0.3112



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.1098, 0.2362, 0.2688



41.2697, 0.2210, 0.2520



14.8207, 0.2209, 0.1892



9.6042, 0.2985, 0.3198



10.5047, 0.1881, 0.1972



0.4870, 0.1986, 0.2350

Inverse Universe

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



19.3424, 0.3658, 0.2515



29.0854, 0.3838, 0.2369



39.9090, 0.3921, 0.4378



9.1015, 0.3196, 0.3152



7.8428, 0.4485, 0.2244



0.2883, 0.4075, 0.2018

Previews

White Background



This preview shows how the Yxy color 26.1088, 0.2362, 0.2688 looks on a white background.

Color Contrast Check

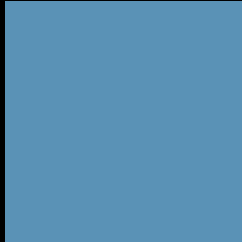
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1088, 0.2362, 0.2688 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

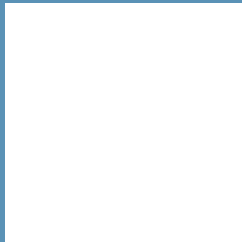
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1088, 0.2362, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 26.1088, 0.2362, 0.2688.

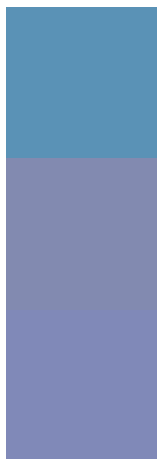


This preview shows how white text looks on a background with the Yxy color 26.1088, 0.2362, 0.2688.

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

26.1088, 0.2362, 0.2688

Protanopia

26.0574, 0.2696, 0.2689

Deuteranopia

25.9412, 0.2613, 0.2558



Tritanopia

26.2603, 0.2458, 0.3075

Trichromacy



Original Color

26.1088, 0.2362, 0.2688

Protanomaly

25.9089, 0.2556, 0.2689

Deuteranomaly

25.7525, 0.2510, 0.2599

Tritanomaly

26.3379, 0.2428, 0.2941

Monochromacy



Original Color

26.1088, 0.2362, 0.2688

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1932, 0.2786, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1088, 0.2362, 0.2688 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(90, 146, 182)` looks like.

```
.text, #text, p{  
    color:rgb(90, 146, 182)  
}
```

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(90, 146, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 146, 182) }
```

Border

The CSS property to change the border of an element to Yxy 26.1088, 0.2362, 0.2688 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(90, 146, 182) }
```

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

```
.border{ border-color:rgb(90, 146, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 146, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 146, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 146, 182);  
box-shadow:4px 4px 4px 4px rgb(90, 146,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1088, 0.2362, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 146, 182) }
```

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

```
.background{ background-color: rgb(90, 146,  
182) }
```

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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