

Converting Colors

$Y_{xy}(26.2552, 0.2605, 0.2934)$

Have a look what the booklet for
Yxy(26.2552, 0.2605, 0.2934)
contains.

Yxy(26.2552, 0.2605, 0.2934)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2552, 0.2605, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	6D91A6
RGB	109, 145, 166
RGB Percent	43%, 57%, 65%
CMY	0.5727, 0.4313, 0.3490
CMYK	0.34, 0.13, 0.00, 0.35
HSL	202°, 24%, 54%
HSV	202°, 34%, 65%
XYZ	23.3111, 26.2552, 39.9197
YIQ	136.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

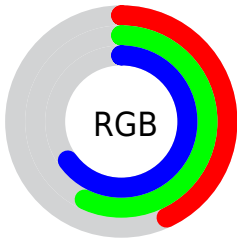
Format	Color
RYB	109, 131, 166
Decimal	7180710
CIELab	58.28, -7.19, -15.08
CIELCh	58, 16.704, 244.506
Yxy	26.2552, 0.2605, 0.2934
Android (android.graphics.Color)	4285370790 (0xFF6D91A6)
YUV	136.6300, 14.4794, -24.2315
Hunter-Lab	51.2398, -8.4627, -10.3235

Details

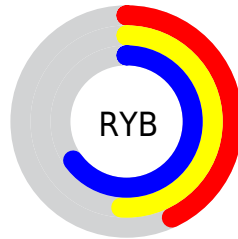
The Yxy color **26.2552, 0.2605, 0.2934** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1632, 0.3805, 0.3618**, and the grayscale version is **24.8191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7487, 0.2712, 0.3014**, and **10.2989, 0.2424, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **23.4841, 0.2459, 0.2810**, and if you desaturate by 10%, it is **29.3276, 0.2756, 0.3049**.

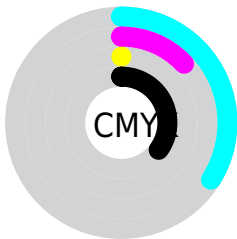
Distribution



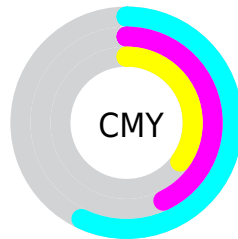
- Red (43%)
- Green (57%)
- Blue (65%)



- Red (43%)
- Yellow (51%)
- Blue (65%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (57%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2552, 0.2605, 0.2934 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 26.2552, 0.2605, 0.2934 by changing the saturation by 10% instead.

■ 26.2552, 0.2605,
0.2934

■ 26.2552, 0.2605,
0.2934

■ 284.0326, 0.2886,
0.3131

■ 17.0147, 0.2528,
0.2878

■ 53.6864, 0.2712,
0.3011

■ 10.2449, 0.2424,
0.2801

■ 72.6458, 0.2751,
0.3038

■ 5.5617, 0.2279,
0.2690

■ 95.6136, 0.2783,
0.3060

■ 2.5804, 0.2061,
0.2518

■ 122.9742, 0.2810,
0.3079

■ 0.9168, 0.1686,
0.2223

■ 155.1120, 0.2833,
0.3095

■ 0.0000, 0.0000,
0.0000

192.4114, 0.2853,

0.3109

235.2568, 0.2871,
0.3120

■ 26.2552, 0.2605,
0.2934

■ 26.2552, 0.2605,
0.2934

■ 23.4841, 0.2459,
0.2810

■ 29.3276, 0.2756,
0.3049

■ 20.9984, 0.2323,
0.2679

■ 32.7101, 0.2909,
0.3155

■ 18.7852, 0.2199,
0.2543

■ 36.4148, 0.3061,
0.3251

■ 16.8290, 0.2091,
0.2403

■ 40.4523, 0.3211,
0.3338

■ 15.1123, 0.2003,
0.2263

■ 44.8324, 0.3355,
0.3415

■ 13.6142, 0.1936,
0.2125

■ 49.5646, 0.3493,
0.3483

■ 12.8396, 0.1902,
0.2048

■ 54.6581, 0.3625,
0.3543

■ 60.1216, 0.3749,
0.3596

■ 65.3203, 0.3839,
0.3646

Harmonies

Analogous

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



26.2552, 0.2618, 0.3143



26.2552, 0.2605, 0.2934



26.2552, 0.2723, 0.2830

Triad

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



26.2552, 0.2605, 0.2934



26.2552, 0.3499, 0.3162



26.2552, 0.3287, 0.3784

Complementary

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



26.2552, 0.2605, 0.2934



25.1632, 0.3805, 0.3618

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.



26.2552, 0.3535, 0.3765



26.2552, 0.2605, 0.2934



26.2552, 0.3664, 0.3398

Square

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



26.2552, 0.2605, 0.2934



26.2552, 0.3234, 0.2964



26.2552, 0.3676, 0.3618



26.2552, 0.3004, 0.3652

Rectangle

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



26.2552, 0.2605, 0.2934



26.2552, 0.2865, 0.2827



26.2552, 0.3676, 0.3618



26.2552, 0.3377, 0.3794

Sweetspot

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



26.2562, 0.2605, 0.2934



62.0986, 0.2973, 0.3196



32.1325, 0.2918, 0.3914



13.6958, 0.2953, 0.3183



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.2562, 0.2605, 0.2934



43.8768, 0.2497, 0.2843



18.6221, 0.2540, 0.2426



8.0609, 0.2987, 0.3205



10.0466, 0.1906, 0.2060



0.3371, 0.2032, 0.2514

Inverse Universe

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



21.0799, 0.3422, 0.2743



33.5838, 0.3509, 0.2624



33.8023, 0.3667, 0.4027



7.6191, 0.3191, 0.3148



7.0853, 0.4385, 0.2189



0.1817, 0.3909, 0.1927

Previews

White Background



This preview shows how the Yxy color 26.2552, 0.2605, 0.2934 looks on a white background.

Color Contrast Check

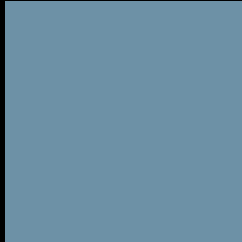
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2552, 0.2605, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

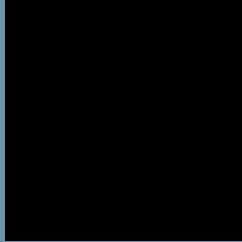
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

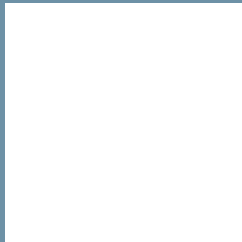
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2552, 0.2605, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 26.2552, 0.2605, 0.2934.



This preview shows how white text looks on a background with the Yxy color 26.2552, 0.2605, 0.2934.

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

26.2552, 0.2605, 0.2934

Protanopia

26.2248, 0.2865, 0.2918

Deuteranopia

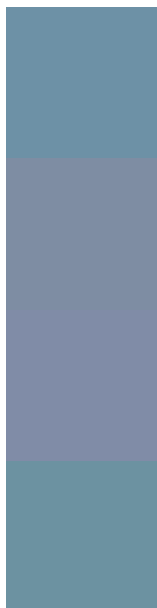
26.2074, 0.2849, 0.2801



Tritanopia

26.1522, 0.2653, 0.3081

Trichromacy



Original Color

26.2552, 0.2605, 0.2934

Protanomaly

26.1297, 0.2772, 0.2927

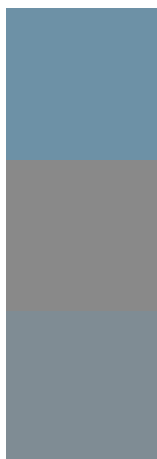
Deuteranomaly

26.1354, 0.2755, 0.2851

Tritanomaly

26.3191, 0.2638, 0.3032

Monochromacy



Original Color

26.2552, 0.2605, 0.2934

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4063, 0.2914, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2552, 0.2605, 0.2934 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(109, 145, 166)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 166)  
}
```

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(109, 145, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.2552, 0.2605, 0.2934 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(109, 145, 166) }
```

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

```
.border{ border-color:rgb(109, 145, 166) }
```

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

Here you see how a box with a 4 pixel rgb(109, 145, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 166);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2552, 0.2605, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 166) }
```

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

```
.background{ background-color: rgb(109,  
145, 166) }
```

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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