

Converting Colors

$Y_{xy}(26.2014, 0.2559, 0.2890)$

Have a look what the booklet for
Yxy(26.2014, 0.2559, 0.2890)
contains.

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Color

Yxy(26.1795, 0.2559, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	6A91A9
RGB	106, 145, 169
RGB Percent	42%, 57%, 66%
CMY	0.5844, 0.4314, 0.3372
CMYK	0.37, 0.14, 0.00, 0.34
HSL	203°, 27%, 54%
HSV	203°, 37%, 66%
XYZ	23.2293, 26.1795, 41.3662
YIQ	136.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

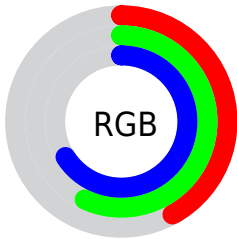
Format	Color
R_{YB}	106, 130, 169
Decimal	6984105
CIE _{Lab}	58.21, -7.25, -16.91
CIE _{LCh}	58, 18.397, 246.798
Y _{xy}	26.1795, 0.2559, 0.2884
Android (android.graphics.Color)	4285174185 (0xFF6A91A9)
YUV	136.0750, 16.2320, -26.3758
Hunter-Lab	51.1659, -8.5014, -12.1181

Details

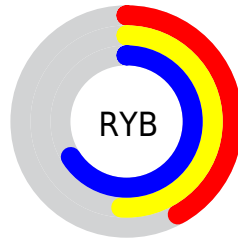
The Yxy color $26.1795, 0.2559, 0.2884$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $25.4364, 0.3877, 0.3660$, and the grayscale version is $24.5963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5996, 0.2675, 0.2976$, and $10.2810, 0.2367, 0.2741$ is the 20% darker color. If you saturate the color by 10%, you get $23.3337, 0.2414, 0.2753$, and if you desaturate by 10%, it is $29.3428, 0.2710, 0.3006$.

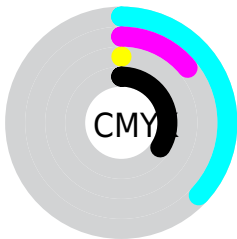
Distribution



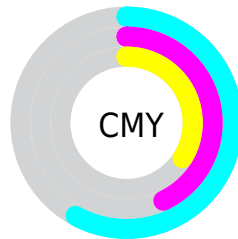
- Red (42%)
- Green (57%)
- Blue (66%)



- Red (42%)
- Yellow (51%)
- Blue (66%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (58%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1795, 0.2559, 0.2884 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 26.1795, 0.2559, 0.2884 by changing the saturation by 10% instead.

■ 26.1795, 0.2559,
0.2884

■ 26.1795, 0.2559,
0.2884

■ 283.6621, 0.2864,
0.3108

■ 16.9580, 0.2476,
0.2820

■ 53.5644, 0.2675,
0.2971

■ 10.2045, 0.2364,
0.2734

■ 72.4965, 0.2717,
0.3002

■ 5.5348, 0.2208,
0.2609

■ 95.4343, 0.2752,
0.3027

■ 2.5643, 0.1975,
0.2417

■ 122.7622, 0.2782,
0.3049

■ 0.9088, 0.1582,
0.2094

■ 154.8645, 0.2807,
0.3067

■ 0.0000, 0.0000,
0.0000

192.1257, 0.2829,

0.3083

234.9301, 0.2848,
0.3096

■ 26.1795, 0.2559,
0.2884

■ 26.1795, 0.2559,
0.2884

■ 23.3337, 0.2414,
0.2753

■ 29.3428, 0.2710,
0.3006

■ 20.7885, 0.2279,
0.2615

■ 32.8334, 0.2864,
0.3119

■ 18.5297, 0.2158,
0.2472

■ 36.6644, 0.3017,
0.3222

■ 16.5404, 0.2054,
0.2326

■ 40.8469, 0.3168,
0.3314

■ 14.8011, 0.1970,
0.2181

■ 45.3919, 0.3313,
0.3397

■ 13.2832, 0.1906,
0.2039

■ 50.3094, 0.3453,
0.3470

■ 12.8959, 0.1889,
0.2001

■ 55.6092, 0.3586,
0.3535

■ 61.3006, 0.3712,
0.3591

■ 66.8023, 0.3805,
0.3644

Harmonies

Analogous

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



26.1795, 0.2562, 0.3105



26.1795, 0.2559, 0.2884



26.1795, 0.2698, 0.2782

Triad

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



26.1795, 0.2559, 0.2884



26.1795, 0.3557, 0.3168



26.1795, 0.3278, 0.3831

Complementary

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



26.1795, 0.2559, 0.2884



25.4364, 0.3877, 0.3660

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.



26.1795, 0.3558, 0.3821



26.1795, 0.2559, 0.2884



26.1795, 0.3727, 0.3426

Square

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



26.1795, 0.2559, 0.2884



26.1795, 0.3269, 0.2946



26.1795, 0.3726, 0.3665



26.1795, 0.2967, 0.3674

Rectangle

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



26.1795, 0.2559, 0.2884



26.1795, 0.2858, 0.2785



26.1795, 0.3726, 0.3665



26.1795, 0.3379, 0.3847

Sweetspot

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



26.1805, 0.2559, 0.2884



62.9054, 0.2957, 0.3183



33.0279, 0.2902, 0.3978



13.5177, 0.2938, 0.3170



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.



26.1805, 0.2559, 0.2884



42.5089, 0.2435, 0.2773



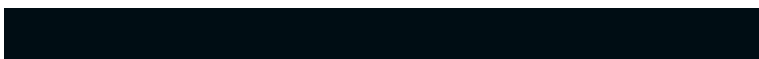
18.0503, 0.2482, 0.2337



8.0449, 0.2987, 0.3202



9.7165, 0.1893, 0.2015



0.3305, 0.2024, 0.2485

Inverse Universe

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



20.7849, 0.3467, 0.2706



32.0538, 0.3575, 0.2574



34.8262, 0.3716, 0.4090



7.6175, 0.3193, 0.3151



7.0519, 0.4436, 0.2217



0.1811, 0.3937, 0.1943

Previews

White Background



This preview shows how the Yxy color 26.1795, 0.2559, 0.2884 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 26.1795, 0.2559, 0.2884 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

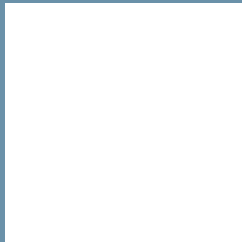
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1795, 0.2559, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 26.1795, 0.2559, 0.2884.



This preview shows how white text looks on a background with the Yxy color 26.1795, 0.2559, 0.2884.

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

26.1795, 0.2559, 0.2884

Protanopia

25.9256, 0.2837, 0.2870

Deuteranopia

26.1500, 0.2803, 0.2754



Tritanopia

26.2542, 0.2615, 0.3080

Trichromacy



Original Color

26.1795, 0.2559, 0.2884

Protanomaly

26.0880, 0.2728, 0.2879

Deuteranomaly

26.0941, 0.2712, 0.2804

Tritanomaly

26.1452, 0.2590, 0.2997

Monochromacy



Original Color

26.1795, 0.2559, 0.2884

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9633, 0.2893, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1795, 0.2559, 0.2884 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(106, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(106, 145, 169)  
}
```

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(106, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 145, 169) }
```

Border

The CSS property to change the border of an element to Yxy 26.1795, 0.2559, 0.2884 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(106, 145, 169) }
```

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

```
.border{ border-color:rgb(106, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 145, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 145, 169); box-shadow:4px 4px 4px 4px rgb(106, 145, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1795, 0.2559, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 145, 169) }
```

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

```
.background{ background-color: rgb(106,  
145, 169) }
```

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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