

Converting Colors

$Y_{xy}(26.1972, 0.2625, 0.2994)$

Have a look what the booklet for
Yxy(26.1972, 0.2625, 0.2994)
contains.

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Color

$Y_{xy}(26.0833, 0.2620, 0.2982)$

Conversions

Conversions Part 1

Format	Color
Hex	6C91A3
RGB	108, 145, 163
RGB Percent	42%, 57%, 64%
CMY	0.5766, 0.4313, 0.3608
CMYK	0.34, 0.11, 0.00, 0.36
HSL	200°, 23%, 53%
HSV	200°, 34%, 64%
XYZ	22.9169, 26.0833, 38.4689
YIQ	135.9890, -27.8300, -2.2460

Conversions

Conversions Part 2

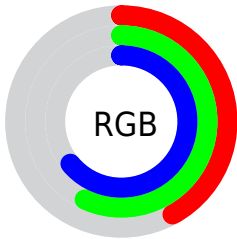
Format	Color
RYB	108, 130, 163
Decimal	7115171
CIELab	58.12, -8.26, -13.60
CIElCh	58, 15.915, 238.720
Yxy	26.0833, 0.2620, 0.2982
Android (android.graphics.Color)	4285305251 (0xFF6C91A3)
YUV	135.9890, 13.3164, -24.5464
Hunter-Lab	51.0718, -9.2792, -8.9089

Details

The Yxy color **26.0833, 0.2620, 0.2982** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7756, 0.3800, 0.3577**, and the grayscale version is **24.5717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4859, 0.2724, 0.3049**, and **10.2317, 0.2453, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **23.5667, 0.2478, 0.2874**, and if you desaturate by 10%, it is **28.8692, 0.2768, 0.3083**.

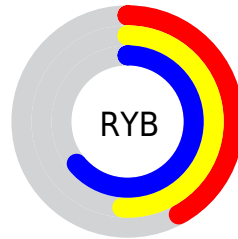
Distribution



Red (42%)

Green (57%)

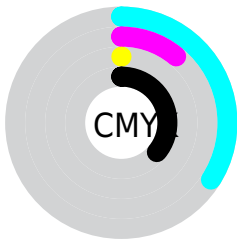
Blue (64%)



Red (42%)

Yellow (51%)

Blue (64%)

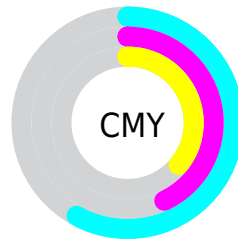


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0833, 0.2620, 0.2982 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 26.0833, 0.2620, 0.2982 by changing the saturation by 10% instead.

■ 26.0833, 0.2620,
0.2982

■ 26.0833, 0.2620,
0.2982

■ 283.1908, 0.2893,
0.3154

■ 16.8860, 0.2545,
0.2933

■ 53.4093, 0.2724,
0.3049

■ 10.1532, 0.2444,
0.2865

■ 72.3068, 0.2762,
0.3073

■ 5.5007, 0.2301,
0.2766

■ 95.2064, 0.2793,
0.3092

■ 2.5439, 0.2086,
0.2610

■ 122.4926, 0.2820,
0.3108

■ 0.8986, 0.1700,
0.2341

■ 154.5497, 0.2842,
0.3122

■ 0.0000, 0.0000,
0.0000

191.7622, 0.2862,

0.3134

234.5144, 0.2879,
0.3144

■ 26.0833, 0.2620,
0.2982

■ 26.0833, 0.2620,
0.2982

■ 23.5667, 0.2478,
0.2874

■ 28.8692, 0.2768,
0.3083

■ 21.3048, 0.2346,
0.2759

■ 31.9323, 0.2919,
0.3176

■ 19.2856, 0.2227,
0.2639

■ 35.2838, 0.3071,
0.3260

■ 17.4952, 0.2125,
0.2517

■ 38.9331, 0.3220,
0.3337

■ 15.9173, 0.2041,
0.2394

■ 42.8894, 0.3365,
0.3405

■ 14.5328, 0.1977,
0.2272

■ 47.1613, 0.3506,
0.3465

■ 13.7376, 0.1944,
0.2196

■ 51.7572, 0.3640,
0.3518

■ 56.6848, 0.3767,
0.3565

■ 61.9519, 0.3887,
0.3606

Harmonies

Analogous

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



26.0833, 0.2658, 0.3197



26.0833, 0.2620, 0.2982



26.0833, 0.2710, 0.2861

Triad

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



26.0833, 0.2620, 0.2982



26.0833, 0.3439, 0.3127



26.0833, 0.3331, 0.3769

Complementary

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



26.0833, 0.2620, 0.2982



23.7756, 0.3800, 0.3577

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.



26.0833, 0.3553, 0.3725



26.0833, 0.2620, 0.2982



26.0833, 0.3620, 0.3350

Square

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



26.0833, 0.2620, 0.2982



26.0833, 0.3176, 0.2949



26.0833, 0.3661, 0.3568



26.0833, 0.3061, 0.3670

Rectangle

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



26.0833, 0.2620, 0.2982



26.0833, 0.2833, 0.2842



26.0833, 0.3661, 0.3568



26.0833, 0.3414, 0.3770

Sweetspot

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



26.0843, 0.2620, 0.2982



59.2813, 0.2973, 0.3207



30.8660, 0.2943, 0.3950



13.1372, 0.2953, 0.3196



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.0843, 0.2620, 0.2982



43.0759, 0.2506, 0.2896



18.8014, 0.2559, 0.2496



7.6193, 0.2987, 0.3215



10.7641, 0.1947, 0.2207



0.3066, 0.2068, 0.2646

Inverse Universe

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



20.5494, 0.3386, 0.2721



32.0116, 0.3468, 0.2585



31.6163, 0.3669, 0.3975



7.1626, 0.3185, 0.3140



6.9308, 0.4224, 0.2101



0.1537, 0.3780, 0.1856

Previews

White Background



This preview shows how the Yxy color 26.0833, 0.2620, 0.2982 looks on a white background.

Color Contrast Check

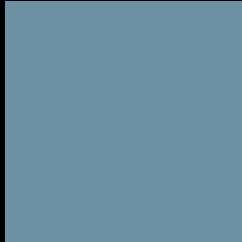
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0833, 0.2620, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

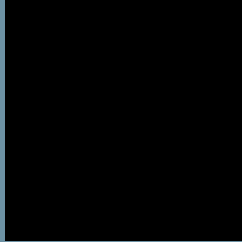
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

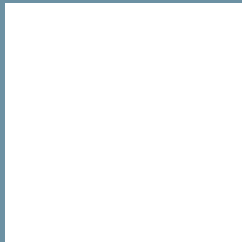
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0833, 0.2620, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 26.0833, 0.2620, 0.2982.



This preview shows how white text looks on a background with the Yxy color 26.0833, 0.2620, 0.2982.

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

26.0833, 0.2620, 0.2982

Protanopia

25.9144, 0.2902, 0.2949

Deuteranopia

25.9004, 0.2886, 0.2830



Tritanopia

26.1522, 0.2653, 0.3081

Trichromacy



Original Color

26.0833, 0.2620, 0.2982

Protanomaly

26.0234, 0.2797, 0.2974

Deuteranomaly

25.7348, 0.2780, 0.2880

Tritanomaly

26.2216, 0.2637, 0.3048

Monochromacy



Original Color

26.0833, 0.2620, 0.2982

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9762, 0.2922, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0833, 0.2620, 0.2982 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(108, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(108, 145, 163)  
}
```

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(108, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 145, 163) }
```

Border

The CSS property to change the border of an element to Yxy 26.0833, 0.2620, 0.2982 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(108, 145, 163) }
```

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

```
.border{ border-color:rgb(108, 145, 163) }
```

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

Here you see how a box with a 4 pixel rgb(108, 145, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(108, 145,  
163) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0833, 0.2620, 0.2982$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 145, 163) }
```

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

```
.background{ background-color: rgb(108,  
145, 163) }
```

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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