

Converting Colors

$Y_{xy}(26.0668, 0.2628, 0.2921)$

Have a look what the booklet for
Yxy(26.0668, 0.2628, 0.2921)
contains.

Yxy(26.1444, 0.2628, 0.2919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.1444, 0.2628, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	7090A6
RGB	112, 144, 166
RGB Percent	44%, 56%, 65%
CMY	0.5608, 0.4353, 0.3490
CMYK	0.33, 0.13, 0.00, 0.35
HSL	204°, 23%, 55%
HSV	204°, 33%, 65%
XYZ	23.5380, 26.1444, 39.8839
YIQ	136.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

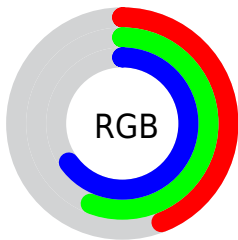
Format	Color
RYB	112, 132, 166
Decimal	7377062
CIELab	58.17, -5.73, -15.21
CIElCh	58, 16.257, 249.376
Yxy	26.1444, 0.2628, 0.2919
Android (android.graphics.Color)	4285567142 (0xFF7090A6)
YUV	136.9400, 14.3266, -21.8724
Hunter-Lab	51.1316, -7.3092, -10.4555

Details

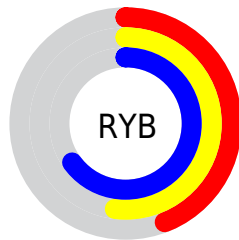
The Yxy color $26.1444, 0.2628, 0.2919$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $26.3269, 0.3749, 0.3632$, and the grayscale version is $24.9450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6080, 0.2731, 0.3002$, and $10.2444, 0.2460, 0.2792$ is the 20% darker color. If you saturate the color by 10%, you get $23.1674, 0.2477, 0.2783$, and if you desaturate by 10%, it is $29.4470, 0.2782, 0.3045$.

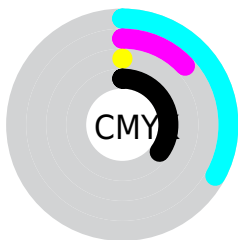
Distribution



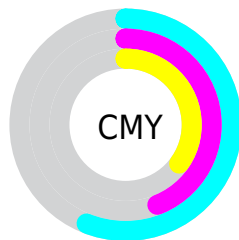
- Red (44%)
- Green (56%)
- Blue (65%)



- Red (44%)
- Yellow (52%)
- Blue (65%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1444, 0.2628, 0.2919 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 26.1444, 0.2628, 0.2919 by changing the saturation by 10% instead.

■ 26.1444, 0.2628,
0.2919

■ 26.1444, 0.2628,
0.2919

■ 283.4902, 0.2897,
0.3123

■ 16.9317, 0.2554,
0.2861

■ 53.5078, 0.2731,
0.2998

■ 10.1858, 0.2454,
0.2782

■ 72.4273, 0.2768,
0.3026

■ 5.5223, 0.2314,
0.2668

■ 95.3512, 0.2799,
0.3050

■ 2.5569, 0.2103,
0.2492

■ 122.6638, 0.2825,
0.3069

■ 0.9050, 0.1743,
0.2190

■ 154.7497, 0.2847,
0.3086

■ 0.0000, 0.0000,
0.0000

191.9931, 0.2866,

0.3100

234.7785, 0.2883,
0.3113

■ 26.1444, 0.2628,
0.2919

■ 26.1444, 0.2628,
0.2919

■ 23.1674, 0.2477,
0.2783

■ 29.4470, 0.2782,
0.3045

■ 20.4997, 0.2334,
0.2638

■ 33.0842, 0.2937,
0.3161

■ 18.1280, 0.2202,
0.2486

■ 37.0688, 0.3089,
0.3265

■ 16.0365, 0.2085,
0.2331

■ 41.4116, 0.3237,
0.3359

■ 14.2075, 0.1988,
0.2175

■ 46.1230, 0.3379,
0.3442

■ 12.6202, 0.1911,
0.2021

■ 51.2129, 0.3514,
0.3516

■ 11.5598, 0.1864,
0.1909

■ 56.6907, 0.3641,
0.3581

■ 62.5656, 0.3761,
0.3638

■ 67.6121, 0.3821,
0.3695

Harmonies

Analogous

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



26.1444, 0.2620, 0.3109



26.1444, 0.2628, 0.2919



26.1444, 0.2763, 0.2836

Triad

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



26.1444, 0.2628, 0.2919



26.1444, 0.3524, 0.3202



26.1444, 0.3239, 0.3760

Complementary

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



26.1444, 0.2628, 0.2919



26.3269, 0.3749, 0.3632

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.



26.1444, 0.3491, 0.3766



26.1444, 0.2628, 0.2919



26.1444, 0.3663, 0.3433

Square

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



26.1444, 0.2628, 0.2919



26.1444, 0.3277, 0.2999



26.1444, 0.3649, 0.3640



26.1444, 0.2964, 0.3610

Rectangle

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



26.1444, 0.2628, 0.2919



26.1444, 0.2911, 0.2844



26.1444, 0.3649, 0.3640



26.1444, 0.3329, 0.3778

Sweetspot

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



26.1454, 0.2628, 0.2919



61.6817, 0.2973, 0.3186



32.4287, 0.2914, 0.3843



13.5908, 0.2952, 0.3172



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.



26.1454, 0.2628, 0.2919



43.5044, 0.2519, 0.2822



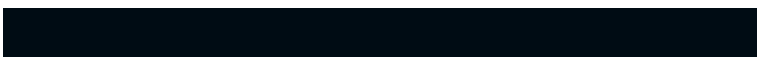
19.0134, 0.2571, 0.2448



8.0117, 0.2987, 0.3196



9.0570, 0.1867, 0.1922



0.3171, 0.2007, 0.2425

Inverse Universe

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



21.7089, 0.3429, 0.2803



34.6654, 0.3520, 0.2694



34.6287, 0.3629, 0.4012



7.6141, 0.3197, 0.3157



6.9854, 0.4542, 0.2276



0.1797, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 26.1444, 0.2628, 0.2919 looks on a white background.

Color Contrast Check

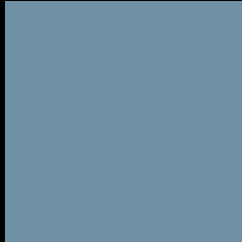
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1444, 0.2628, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

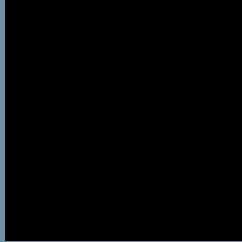
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

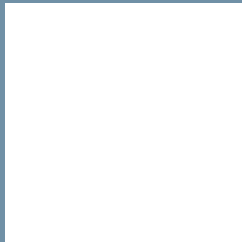
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1444, 0.2628, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 26.1444, 0.2628, 0.2919.



This preview shows how white text looks on a background with the Yxy color 26.1444, 0.2628, 0.2919.

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

26.1444, 0.2628, 0.2919

Protanopia

25.9365, 0.2864, 0.2902

Deuteranopia

25.9244, 0.2849, 0.2785



Tritanopia

26.0001, 0.2684, 0.3082

Trichromacy



Original Color

26.1444, 0.2628, 0.2919

Protanomaly

25.9125, 0.2780, 0.2911

Deuteranomaly

25.9224, 0.2763, 0.2836

Tritanomaly

26.1684, 0.2668, 0.3033

Monochromacy



Original Color

26.1444, 0.2628, 0.2919

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4835, 0.2924, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1444, 0.2628, 0.2919 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(112, 144, 166)` looks like.

```
.text, #text, p{  
    color:rgb(112, 144, 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(112, 144, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 144, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.1444, 0.2628, 0.2919 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(112, 144, 166) }
```

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

```
.border{ border-color:rgb(112, 144, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 144, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 144, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 144, 166); box-shadow:4px 4px 4px 4px rgb(112, 144, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1444, 0.2628, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 144, 166) }
```

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

```
.background{ background-color: rgb(112,  
144, 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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