

Converting Colors

$Y_{xy}(26.6165, 0.2695, 0.2994)$

Have a look what the booklet for
Yxy(26.6165, 0.2695, 0.2994)
contains.

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Color

Yxy(26.6081, 0.2688, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	7491A3
RGB	116, 145, 163
RGB Percent	45%, 57%, 64%
CMY	0.5449, 0.4314, 0.3608
CMYK	0.29, 0.11, 0.00, 0.36
HSL	203°, 20%, 55%
HSV	203°, 29%, 64%
XYZ	23.9446, 26.6081, 38.5270
YIQ	138.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

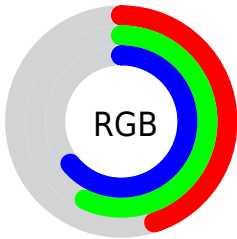
Format	Color
R_{YB}	116, 134, 163
Decimal	7639459
CIE _{Lab}	58.61, -5.81, -12.82
CIE _{LCh}	59, 14.076, 245.631
Yxy	26.6081, 0.2688, 0.2987
Android (android.graphics.Color)	4285829539 (0xFF7491A3)
YUV	138.3810, 12.1372, -19.6281
Hunter-Lab	51.5830, -7.4114, -8.1751

Details

The Yxy color **26.6081, 0.2688, 0.2987** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1206, 0.3666, 0.3574**, and the grayscale version is **25.5325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3438, 0.2778, 0.3053**, and **10.4904, 0.2538, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **23.7284, 0.2538, 0.2863**, and if you desaturate by 10%, it is **29.7913, 0.2841, 0.3102**.

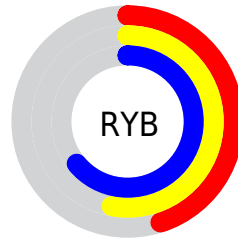
Distribution



Red (45%)

Green (57%)

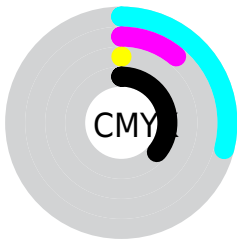
Blue (64%)



Red (45%)

Yellow (53%)

Blue (64%)

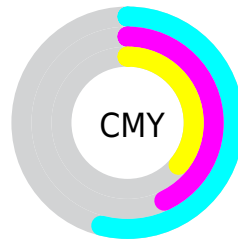


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6081, 0.2688, 0.2987 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 26.6081, 0.2688, 0.2987 by changing the saturation by 10% instead.

■ 26.6081, 0.2688,
0.2987

■ 26.6081, 0.2688,
0.2987

285.7546, 0.2925,
0.3154

■ 17.2791, 0.2623,
0.2939

■ 54.2544, 0.2778,
0.3052

■ 10.4337, 0.2535,
0.2875

■ 73.3404, 0.2811,
0.3075

■ 5.6874, 0.2411,
0.2781

■ 96.4476, 0.2838,
0.3094

■ 2.6560, 0.2223,
0.2634

123.9603, 0.2861,
0.3110

■ 0.9549, 0.1903,
0.2378

156.2630, 0.2880,
0.3123

■ 0.0000, 0.0000,
0.0000

193.7400, 0.2897,

0.3135

236.7757, 0.2912,
0.3145

■ 26.6081, 0.2688,
0.2987

■ 26.6081, 0.2688,
0.2987

■ 23.7284, 0.2538,
0.2863

■ 29.7913, 0.2841,
0.3102

■ 21.1370, 0.2394,
0.2730

■ 33.2859, 0.2994,
0.3206

■ 18.8221, 0.2260,
0.2590

■ 37.1034, 0.3145,
0.3301

■ 16.7697, 0.2141,
0.2446

■ 41.2538, 0.3291,
0.3385

■ 14.9638, 0.2040,
0.2299

■ 45.7465, 0.3431,
0.3460

■ 13.3863, 0.1958,
0.2154

■ 50.5906, 0.3565,
0.3527

■ 12.0035, 0.1895,
0.2011

■ 55.7946, 0.3691,
0.3585

■ 11.8456, 0.1887,
0.1994

■ 61.3670, 0.3810,
0.3636

■ 65.8133, 0.3858,
0.3690

Harmonies

Analogous

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



26.6081, 0.2695, 0.3161



26.6081, 0.2688, 0.2987



26.6081, 0.2793, 0.2901

Triad

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



26.6081, 0.2688, 0.2987



26.6081, 0.3446, 0.3191



26.6081, 0.3254, 0.3700

Complementary

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



26.6081, 0.2688, 0.2987



26.1206, 0.3666, 0.3574

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.



26.6081, 0.3464, 0.3692



26.6081, 0.2688, 0.2987



26.6081, 0.3579, 0.3391

Square

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



26.6081, 0.2688, 0.2987



26.6081, 0.3227, 0.3019



26.6081, 0.3585, 0.3575



26.6081, 0.3016, 0.3585

Rectangle

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



26.6081, 0.2688, 0.2987



26.6081, 0.2915, 0.2899



26.6081, 0.3585, 0.3575



26.6081, 0.3330, 0.3711

Sweetspot

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



26.6092, 0.2688, 0.2987



59.3684, 0.2989, 0.3203



31.6366, 0.2943, 0.3783



13.1306, 0.2968, 0.3189



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.



26.6092, 0.2688, 0.2987



44.0612, 0.2585, 0.2903



20.1668, 0.2645, 0.2574



7.5524, 0.2987, 0.3202



9.2951, 0.1891, 0.2007



0.2825, 0.2035, 0.2526

Inverse Universe

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



22.3354, 0.3372, 0.2845



35.4277, 0.3448, 0.2736



33.3431, 0.3572, 0.3917



7.1559, 0.3193, 0.3152



6.7825, 0.4445, 0.2222



0.1513, 0.3897, 0.1920

Previews

White Background



This preview shows how the Yxy color 26.6081, 0.2688, 0.2987 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 26.6081, 0.2688, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

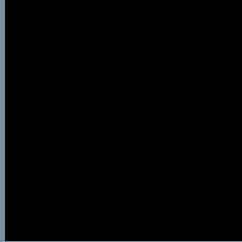
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

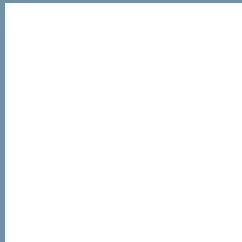
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6081, 0.2688, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 26.6081, 0.2688, 0.2987.



This preview shows how white text looks on a background with the Yxy color 26.6081, 0.2688, 0.2987.

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

26.6081, 0.2688, 0.2987

Protanopia

26.5777, 0.2913, 0.2983

Deuteranopia

26.4476, 0.2917, 0.2850



Tritanopia

26.6712, 0.2721, 0.3085

Trichromacy



Original Color

26.6081, 0.2688, 0.2987

Protanomaly

26.5512, 0.2827, 0.2994

Deuteranomaly

26.4230, 0.2829, 0.2902

Tritanomaly

26.7407, 0.2705, 0.3052

Monochromacy



Original Color

26.6081, 0.2688, 0.2987

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9022, 0.2954, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6081, 0.2688, 0.2987 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(116, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 163) }
```

Border

The CSS property to change the border of an element to Yxy 26.6081, 0.2688, 0.2987 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(116, 145, 163) }
```

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

```
.border{ border-color:rgb(116, 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(116, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6081, 0.2688, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 163) }
```

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

```
.background{ background-color: rgb(116,  
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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