

Converting Colors

$Y_{xy}(29.9277, 0.2664, 0.2938)$

Have a look what the booklet for
Yxy(29.9277, 0.2664, 0.2938)
contains.

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Color

Yxy(30.0152, 0.2660, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	7A99AF
RGB	122, 153, 175
RGB Percent	48%, 60%, 69%
CMY	0.5215, 0.4000, 0.3137
CMYK	0.30, 0.13, 0.00, 0.31
HSL	205°, 25%, 58%
HSV	205°, 30%, 69%
XYZ	27.1566, 30.0152, 44.9207
YIQ	146.2390, -25.5380, 0.2700

Conversions

Conversions Part 2

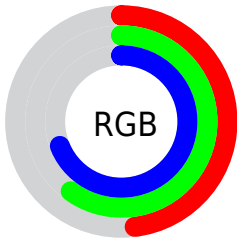
Format	Color
RYB	122, 142, 175
Decimal	8034735
CIELab	61.67, -5.45, -14.98
CIElCh	62, 15.941, 249.990
Yxy	30.0152, 0.2660, 0.2940
Android (android.graphics.Color)	4286224815 (0xFF7A99AF)
YUV	146.2390, 14.1792, -21.2576
Hunter-Lab	54.7861, -7.3961, -10.2633

Details

The Yxy color **30.0152, 0.2660, 0.2940** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.4718, 0.3698, 0.3615**, and the grayscale version is **28.7979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6253, 0.2753, 0.3004**, and **12.2724, 0.2498, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **26.5448, 0.2507, 0.2802**, and if you desaturate by 10%, it is **33.8629, 0.2816, 0.3067**.

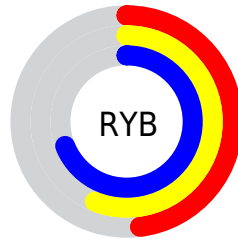
Distribution



Red (48%)

Green (60%)

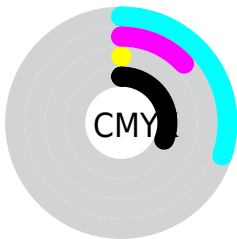
Blue (69%)



Red (48%)

Yellow (56%)

Blue (69%)

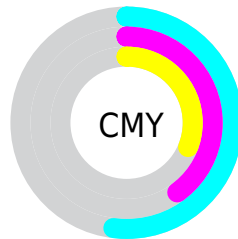


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (40%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0152, 0.2660, 0.2940 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 30.0152, 0.2660, 0.2940 by changing the saturation by 10% instead.

■ 30.0152, 0.2660,
0.2940

■ 30.0152, 0.2660,
0.2940

■ 301.9753, 0.2907,
0.3129

■ 19.8501, 0.2594,
0.2888

■ 59.6862, 0.2753,
0.3012

■ 12.2861, 0.2506,
0.2818

■ 79.9609, 0.2787,
0.3038

■ 6.9389, 0.2385,
0.2720

■ 104.3743, 0.2815,
0.3060

■ 3.4239, 0.2207,
0.2573

■ 133.3108, 0.2839,
0.3078

■ 1.3568, 0.1922,
0.2328

■ 167.1548, 0.2860,
0.3093

■ 0.1846, 0.0281,
0.1227

■ 206.2906, 0.2878,

■ 0.0000, 0.0000,

0.3107

0.0000

251.1026, 0.2893,
0.3118

■ 30.0152, 0.2660,
0.2940

■ 30.0152, 0.2660,
0.2940

■ 26.5448, 0.2507,
0.2802

■ 33.8629, 0.2816,
0.3067

■ 23.4332, 0.2360,
0.2656

■ 38.0983, 0.2971,
0.3183

■ 20.6655, 0.2224,
0.2501

■ 42.7357, 0.3123,
0.3287

■ 18.2241, 0.2102,
0.2343

■ 47.7874, 0.3270,
0.3381

■ 16.0889, 0.1999,
0.2183

■ 53.2653, 0.3410,
0.3464

■ 14.2371, 0.1917,
0.2025

■ 59.1806, 0.3544,
0.3537

■ 12.6638, 0.1854,
0.1875

■ 65.5441, 0.3669,
0.3601

■ 71.0110, 0.3732,
0.3665

■ 74.7069, 0.3709,
0.3737

Harmonies

Analogous

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



30.0152, 0.2650, 0.3117



30.0152, 0.2660, 0.2940



30.0152, 0.2789, 0.2863

Triad

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



30.0152, 0.2660, 0.2940



30.0152, 0.3503, 0.3212



30.0152, 0.3227, 0.3727

Complementary

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



30.0152, 0.2660, 0.2940



30.4718, 0.3698, 0.3615

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.



30.0152, 0.3464, 0.3737



30.0152, 0.2660, 0.2940



30.0152, 0.3630, 0.3429

Square

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



30.0152, 0.2660, 0.2940



30.0152, 0.3273, 0.3020



30.0152, 0.3614, 0.3623



30.0152, 0.2970, 0.3585

Rectangle

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



30.0152, 0.2660, 0.2940



30.0152, 0.2930, 0.2872



30.0152, 0.3614, 0.3623



30.0152, 0.3312, 0.3746

Sweetspot

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



30.0164, 0.2660, 0.2940



69.1264, 0.2988, 0.3195



36.7893, 0.2927, 0.3801



15.1104, 0.2966, 0.3179



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.0164, 0.2660, 0.2940



49.7360, 0.2562, 0.2854



22.4938, 0.2612, 0.2512



8.5060, 0.2986, 0.3194



9.1921, 0.1859, 0.1893



0.3604, 0.1990, 0.2362

Inverse Universe

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



25.3369, 0.3409, 0.2842



40.5008, 0.3488, 0.2745



39.1585, 0.3595, 0.3964



8.0909, 0.3199, 0.3158



7.2310, 0.4576, 0.2294



0.2117, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 30.0152, 0.2660, 0.2940 looks on a white background.

Color Contrast Check

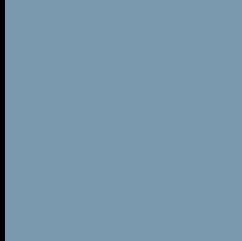
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0152, 0.2660, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

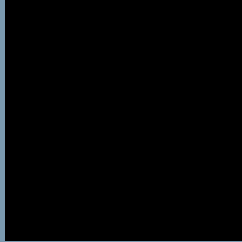
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

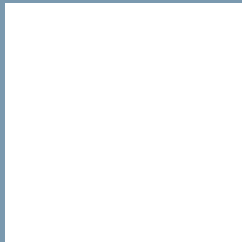
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.0152, 0.2660, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 30.0152, 0.2660, 0.2940.



This preview shows how white text looks on a background with the Yxy color 30.0152, 0.2660, 0.2940.

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

30.0152, 0.2660, 0.2940

Protanopia

29.7370, 0.2878, 0.2923

Deuteranopia

29.8147, 0.2873, 0.2812



Tritanopia

29.8943, 0.2706, 0.3078

Trichromacy



Original Color

30.0152, 0.2660, 0.2940

Protanomaly

29.7077, 0.2798, 0.2932

Deuteranomaly

29.8034, 0.2791, 0.2861

Tritanomaly

30.0784, 0.2691, 0.3032

Monochromacy



Original Color

30.0152, 0.2660, 0.2940

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2476, 0.2935, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0152, 0.2660, 0.2940 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(122, 153, 175)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 175)  
}
```

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(122, 153, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 175) }
```

Border

The CSS property to change the border of an element to Yxy 30.0152, 0.2660, 0.2940 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(122, 153, 175) }
```

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

```
.border{ border-color:rgb(122, 153, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0152, 0.2660, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 175) }
```

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

```
.background{ background-color: rgb(122,  
153, 175) }
```

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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