

Converting Colors

$Yxy(29.9656, 0.2769, 0.2942)$

Have a look what the booklet for
Yxy(29.9656, 0.2769, 0.2942)
contains.

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Color

Yxy(29.8164, 0.2764, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	8596AD
RGB	133, 150, 173
RGB Percent	52%, 59%, 68%
CMY	0.4783, 0.4118, 0.3215
CMYK	0.23, 0.13, 0.00, 0.32
HSL	215°, 20%, 60%
HSV	215°, 23%, 68%
XYZ	28.1271, 29.8164, 43.8189
YIQ	147.5390, -17.5150, 3.5490

Conversions

Conversions Part 2

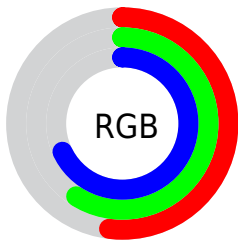
Format	Color
R_{YB}	133, 145, 173
Decimal	8754861
CIE Lab	61.50, -0.84, -14.05
CIE LCh	61, 14.072, 266.591
Yxy	29.8164, 0.2764, 0.2930
Android (android.graphics.Color)	4286944941 (0xFF8596AD)
YUV	147.5390, 12.5523, -12.7507
Hunter-Lab	54.6044, -3.6110, -9.3559

Details

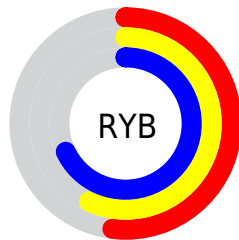
The Yxy color **29.8164, 0.2764, 0.2930** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3784, 0.3519, 0.3625**, and the grayscale version is **29.3678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3520, 0.2842, 0.3008**, and **12.1432, 0.2642, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **25.4773, 0.2597, 0.2746**, and if you desaturate by 10%, it is **34.6604, 0.2926, 0.3097**.

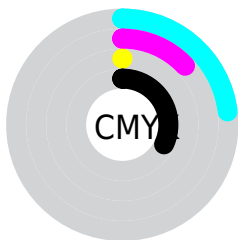
Distribution



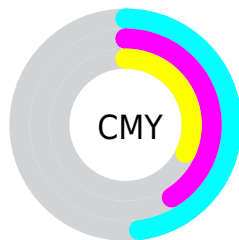
- Red (52%)
- Green (59%)
- Blue (68%)



- Red (52%)
- Yellow (57%)
- Blue (68%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8164, 0.2764, 0.2930 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 29.8164, 0.2764, 0.2930 by changing the saturation by 10% instead.

■ 29.8164, 0.2764,
0.2930

■ 29.8164, 0.2764,
0.2930

301.0477, 0.2957,
0.3122

■ 19.6993, 0.2712,
0.2878

■ 59.3717, 0.2837,
0.3003

■ 12.1766, 0.2642,
0.2808

■ 79.5787, 0.2864,
0.3029

■ 6.8641, 0.2545,
0.2710

■ 103.9177, 0.2886,
0.3051

■ 3.3772, 0.2400,
0.2564

132.7732, 0.2905,
0.3070

■ 1.3317, 0.2163,
0.2324

166.5296, 0.2921,
0.3086

■ 0.1656, 0.0926,
0.1120

205.5712, 0.2935,

■ 0.0000, 0.0000,

0.3100

0.0000

250.2824, 0.2947,
0.3112

■ 29.8164, 0.2764,
0.2930

■ 29.8164, 0.2764,
0.2930

■ 25.4773, 0.2597,
0.2746

■ 34.6604, 0.2926,
0.3097

■ 21.6213, 0.2429,
0.2547

■ 40.0226, 0.3081,
0.3247

■ 18.2304, 0.2265,
0.2336

■ 45.9203, 0.3227,
0.3380

■ 15.2838, 0.2110,
0.2116

■ 52.3691, 0.3363,
0.3498

■ 12.7589, 0.1971,
0.1895

■ 59.3836, 0.3489,
0.3601

■ 10.6304, 0.1852,
0.1678

■ 66.9781, 0.3606,
0.3692

■ 8.8692, 0.1759,
0.1474

■ 75.1660, 0.3712,
0.3771

■ 7.8340, 0.1707,
0.1343

■ 80.7062, 0.3688,
0.3866

■ 86.4018, 0.3658,
0.3959

Harmonies

Analogous

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



29.8164, 0.2694, 0.3041



29.8164, 0.2764, 0.2930



29.8164, 0.2929, 0.2914

Triad

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



29.8164, 0.2764, 0.2930



29.8164, 0.3535, 0.3329



29.8164, 0.3089, 0.3618

Complementary

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



29.8164, 0.2764, 0.2930



34.3784, 0.3519, 0.3625

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.



29.8164, 0.3316, 0.3694



29.8164, 0.2764, 0.2930



29.8164, 0.3580, 0.3516

Square

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



29.8164, 0.2764, 0.2930



29.8164, 0.3377, 0.3140



29.8164, 0.3498, 0.3652



29.8164, 0.2877, 0.3443

Rectangle

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



29.8164, 0.2764, 0.2930



29.8164, 0.3075, 0.2956



29.8164, 0.3498, 0.3652



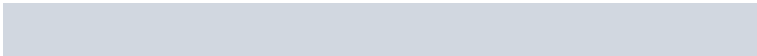
29.8164, 0.3166, 0.3656

Sweetspot

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



29.8176, 0.2764, 0.2930



67.6956, 0.3020, 0.3189



37.2749, 0.2921, 0.3558



14.5930, 0.3011, 0.3180



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.8176, 0.2764, 0.2930



49.0993, 0.2675, 0.2833



25.0105, 0.2769, 0.2659



8.2947, 0.2986, 0.3156



5.8622, 0.1712, 0.1363



0.2730, 0.1883, 0.1978

Inverse Universe

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



27.8722, 0.3399, 0.3043



45.2402, 0.3481, 0.2982



40.1760, 0.3443, 0.3860



8.0696, 0.3222, 0.3194



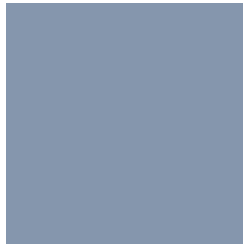
6.8948, 0.5241, 0.2661



0.2029, 0.4477, 0.2240

Previews

White Background



This preview shows how the Yxy color 29.8164, 0.2764, 0.2930 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 29.8164, 0.2764, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

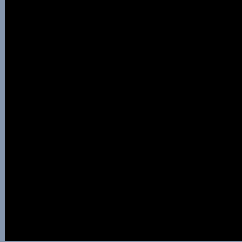
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

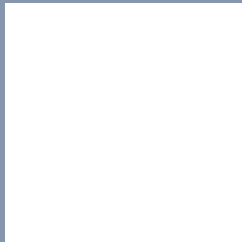
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.8164, 0.2764, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 29.8164, 0.2764, 0.2930.



This preview shows how white text looks on a background with the Yxy color 29.8164, 0.2764, 0.2930.

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

29.8164, 0.2764, 0.2930

Protanopia

29.7370, 0.2878, 0.2923

Deuteranopia

29.7908, 0.2908, 0.2855



Tritanopia

29.9621, 0.2822, 0.3098

Trichromacy



Original Color

29.8164, 0.2764, 0.2930

Protanomaly

29.7338, 0.2833, 0.2920

Deuteranomaly

29.8527, 0.2853, 0.2879

Tritanomaly

29.8288, 0.2805, 0.3036

Monochromacy



Original Color

29.8164, 0.2764, 0.2930

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.7689, 0.2993, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8164, 0.2764, 0.2930 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(133, 150, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 173)  
}
```

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(133, 150, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 173) }
```

Border

The CSS property to change the border of an element to Yxy 29.8164, 0.2764, 0.2930 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(133, 150, 173) }
```

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

```
.border{ border-color:rgb(133, 150, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8164, 0.2764, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 173) }
```

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

```
.background{ background-color: rgb(133,  
150, 173) }
```

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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