

Converting Colors

$Y_{xy}(28.6798, 0.2773, 0.3005)$

Have a look what the booklet for
Yxy(28.6798, 0.2773, 0.3005)
contains.

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Color

Yxy(28.5222, 0.2774, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	8094A6
RGB	128, 148, 166
RGB Percent	50%, 58%, 65%
CMY	0.4980, 0.4196, 0.3491
CMYK	0.23, 0.11, 0.00, 0.35
HSL	208°, 18%, 58%
HSV	208°, 23%, 65%
XYZ	26.3735, 28.5222, 40.1783
YIQ	144.0720, -17.6980, 1.3580

Conversions

Conversions Part 2

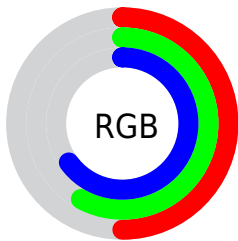
Format	Color
R _Y B	128, 141, 166
Decimal	8426662
CIE Lab	60.36, -3.01, -11.80
CIE LCh	60, 12.178, 255.711
Yxy	28.5222, 0.2774, 0.3000
Android (android.graphics.Color)	4286616742 (0xFF8094A6)
YUV	144.0720, 10.8105, -14.0951
Hunter-Lab	53.4062, -5.3123, -7.2204

Details

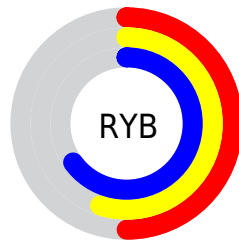
The Yxy color **28.5222, 0.2774, 0.3000** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2131, 0.3526, 0.3563**, and the grayscale version is **27.8819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2853, 0.2844, 0.3061**, and **11.3840, 0.2653, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **24.9584, 0.2615, 0.2852**, and if you desaturate by 10%, it is **32.4661, 0.2931, 0.3135**.

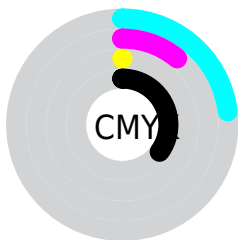
Distribution



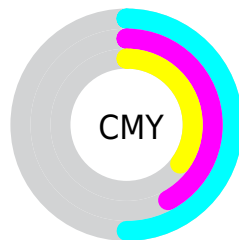
- Red (50%)
- Green (58%)
- Blue (65%)



- Red (50%)
- Yellow (55%)
- Blue (65%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.5222, 0.2774, 0.3000 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 28.5222, 0.2774, 0.3000 by changing the saturation by 10% instead.

■ 28.5222, 0.2774,
0.3000

■ 28.5222, 0.2774,
0.3000

■ 294.9538, 0.2963,
0.3157

■ 18.7197, 0.2722,
0.2956

■ 57.3171, 0.2846,
0.3060

■ 11.4679, 0.2653,
0.2897

■ 77.0782, 0.2872,
0.3082

■ 6.3825, 0.2555,
0.2814

■ 100.9277, 0.2894,
0.3100

■ 3.0790, 0.2408,
0.2686

■ 129.2499, 0.2912,
0.3115

■ 1.1731, 0.2164,
0.2467

■ 162.4292, 0.2928,
0.3128

■ 0.0396, 0.0000,
0.0436

■ 200.8501, 0.2941,

■ 0.0000, 0.0000,

0.3139

0.0000

244.8968, 0.2953,
0.3149

■ 28.5222, 0.2774,
0.3000

■ 28.5222, 0.2774,
0.3000

■ 24.9584, 0.2615,
0.2852

■ 32.4661, 0.2931,
0.3135

■ 21.7577, 0.2458,
0.2691

■ 36.7994, 0.3084,
0.3257

■ 18.9068, 0.2307,
0.2521

■ 41.5352, 0.3231,
0.3366

■ 16.3900, 0.2166,
0.2342

■ 46.6851, 0.3371,
0.3463

■ 14.1902, 0.2040,
0.2160

■ 52.2599, 0.3502,
0.3549

■ 12.2881, 0.1934,
0.1979

■ 58.2704, 0.3625,
0.3624

■ 10.6612, 0.1850,
0.1802

■ 64.7265, 0.3740,
0.3690

■ 9.6372, 0.1800,
0.1681

■ 70.5240, 0.3800,
0.3755

■ 74.5192, 0.3773,
0.3832

Harmonies

Analogous

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



28.5222, 0.2747, 0.3127



28.5222, 0.2774, 0.3000



28.5222, 0.2893, 0.2954

Triad

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



28.5222, 0.2774, 0.3000



28.5222, 0.3445, 0.3263



28.5222, 0.3168, 0.3613

Complementary

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



28.5222, 0.2774, 0.3000



30.2131, 0.3526, 0.3563

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.



28.5222, 0.3359, 0.3643



28.5222, 0.2774, 0.3000



28.5222, 0.3523, 0.3433

Square

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



28.5222, 0.2774, 0.3000



28.5222, 0.3279, 0.3104



28.5222, 0.3491, 0.3574



28.5222, 0.2970, 0.3487

Rectangle

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



28.5222, 0.2774, 0.3000



28.5222, 0.3010, 0.2970



28.5222, 0.3491, 0.3574



28.5222, 0.3235, 0.3634

Sweetspot

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



28.5234, 0.2774, 0.3000



63.3752, 0.3020, 0.3207



33.9192, 0.2954, 0.3617



14.0828, 0.3011, 0.3200



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.



28.5234, 0.2774, 0.3000



48.7069, 0.2701, 0.2933



23.1146, 0.2750, 0.2686



7.9300, 0.2987, 0.3181



7.5699, 0.1805, 0.1696



0.2855, 0.1965, 0.2275

Inverse Universe

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



25.6827, 0.3350, 0.2989



42.9213, 0.3407, 0.2925



36.4677, 0.3468, 0.3830



7.6059, 0.3207, 0.3172



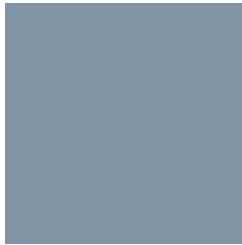
6.8352, 0.4812, 0.2424



0.1765, 0.4153, 0.2061

Previews

White Background



This preview shows how the Yxy color 28.5222, 0.2774, 0.3000 looks on a white background.

Color Contrast Check

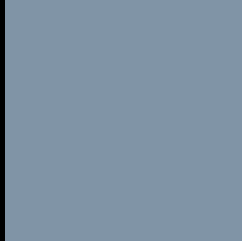
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5222, 0.2774, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

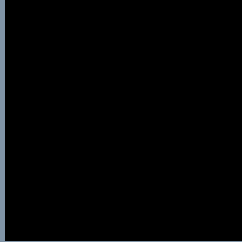
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

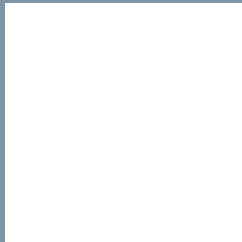
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.5222, 0.2774, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 28.5222, 0.2774, 0.3000.



This preview shows how white text looks on a background with the Yxy color 28.5222, 0.2774, 0.3000.

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

28.5222, 0.2774, 0.3000

Protanopia

28.3776, 0.2919, 0.2976

Deuteranopia

28.5256, 0.2960, 0.2908



Tritanopia

28.5801, 0.2807, 0.3094

Trichromacy



Original Color

28.5222, 0.2774, 0.3000

Protanomaly

28.2858, 0.2862, 0.2973

Deuteranomaly

28.3993, 0.2883, 0.2931

Tritanomaly

28.6513, 0.2791, 0.3062

Monochromacy



Original Color

28.5222, 0.2774, 0.3000

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9211, 0.2989, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5222, 0.2774, 0.3000 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(128, 148, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 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(128, 148, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 166) }
```

Border

The CSS property to change the border of an element to Yxy 28.5222, 0.2774, 0.3000 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(128, 148, 166) }
```

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

```
.border{ border-color:rgb(128, 148, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5222, 0.2774, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 166) }
```

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

```
.background{ background-color: rgb(128,  
148, 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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