

Converting Colors

$Y_{xy}(29.1118, 0.2831, 0.2888)$

Have a look what the booklet for
Yxy(29.1118, 0.2831, 0.2888)
contains.

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Color

Yxy(29.1118, 0.2831, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	8C92AC
RGB	140, 146, 172
RGB Percent	55%, 57%, 67%
CMY	0.4511, 0.4274, 0.3254
CMYK	0.19, 0.15, 0.00, 0.33
HSL	229°, 16%, 61%
HSV	229°, 19%, 67%
XYZ	28.5372, 29.1118, 43.1536
YIQ	147.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

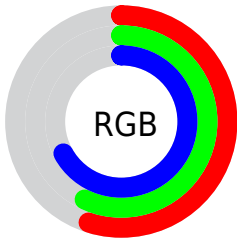
Format	Color
RYB	140, 145, 172
Decimal	9212588
CIELab	60.88, 3.43, -14.36
CIELCh	61, 14.760, 283.425
Yxy	29.1118, 0.2831, 0.2888
Android (android.graphics.Color)	4287402668 (0xFF8C92AC)
YUV	147.1700, 12.2412, -6.2881
Hunter-Lab	53.9554, -0.0124, -9.6515

Details

The Yxy color **29.1118, 0.2831, 0.2888** is a light color, and the websafe version is hex **9999CC**, and the color name is **cool grey**. A complement of this color would be **37.9273, 0.3416, 0.3662**, and the grayscale version is **29.2024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3239, 0.2896, 0.2975**, and **11.8457, 0.2721, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **23.6901, 0.2652, 0.2636**, and if you desaturate by 10%, it is **35.2948, 0.2996, 0.3115**.

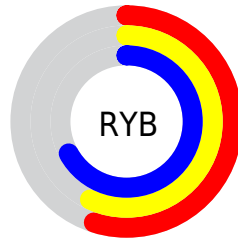
Distribution



Red (55%)

Green (57%)

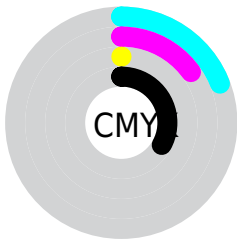
Blue (67%)



Red (55%)

Yellow (57%)

Blue (67%)

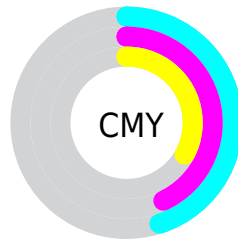


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1118, 0.2831, 0.2888 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 29.1118, 0.2831, 0.2888 by changing the saturation by 10% instead.

■ 29.1118, 0.2831,
0.2888

■ 29.1118, 0.2831,
0.2888

■ 297.7421, 0.2990,
0.3102

■ 19.1654, 0.2787,
0.2830

■ 58.2547, 0.2892,
0.2969

■ 11.7899, 0.2729,
0.2754

■ 78.2199, 0.2914,
0.2998

■ 6.6008, 0.2646,
0.2647

■ 102.2936, 0.2932,
0.3022

■ 3.2137, 0.2521,
0.2488

■ 130.8601, 0.2947,
0.3043

■ 1.2443, 0.2313,
0.2230

■ 164.3038, 0.2960,
0.3061

■ 0.0974, 0.1267,
0.0701

■ 203.0091, 0.2972,

■ 0.0000, 0.0000,

0.3076

0.0000

247.3604, 0.2982,
0.3090

■ 29.1118, 0.2831,
0.2888

■ 29.1118, 0.2831,
0.2888

■ 23.6901, 0.2652,
0.2636

■ 35.2948, 0.2996,
0.3115

■ 18.9966, 0.2464,
0.2360

■ 42.2635, 0.3147,
0.3316

■ 15.0006, 0.2271,
0.2068

■ 50.0458, 0.3282,
0.3492

■ 11.6683, 0.2081,
0.1769

■ 58.6668, 0.3403,
0.3646

■ 8.9626, 0.1906,
0.1477

■ 68.1509, 0.3511,
0.3780

■ 6.8428, 0.1756,
0.1209

■ 78.5211, 0.3606,
0.3895

■ 5.2630, 0.1640,
0.0981

■ 88.7657, 0.3653,
0.4005

■ 4.1590, 0.1561,
0.0805

■ 95.7593, 0.3620,
0.4105

■ 4.0367, 0.1552,
0.0785

Harmonies

Analogous

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



29.1118, 0.2698, 0.2949



29.1118, 0.2831, 0.2888



29.1118, 0.3046, 0.2928

Triad

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



29.1118, 0.2831, 0.2888



29.1118, 0.3602, 0.3445



29.1118, 0.2955, 0.3543

Complementary

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



29.1118, 0.2831, 0.2888



37.9273, 0.3416, 0.3662

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.



29.1118, 0.3193, 0.3688



29.1118, 0.2831, 0.2888



29.1118, 0.3572, 0.3619

Square

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



29.1118, 0.2831, 0.2888



29.1118, 0.3498, 0.3240



29.1118, 0.3421, 0.3713



29.1118, 0.2767, 0.3325

Rectangle

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



29.1118, 0.2831, 0.2888



29.1118, 0.3211, 0.3004



29.1118, 0.3421, 0.3713



29.1118, 0.3031, 0.3603

Sweetspot

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



29.1130, 0.2831, 0.2888



67.0713, 0.3036, 0.3168



37.8233, 0.2901, 0.3386



14.4107, 0.3026, 0.3155



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.



29.1130, 0.2831, 0.2888



48.9457, 0.2765, 0.2796



28.1695, 0.2920, 0.2805



7.9927, 0.2986, 0.3100



3.0653, 0.1555, 0.0799



0.1556, 0.1699, 0.1314

Inverse Universe

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



29.5943, 0.3417, 0.3202



50.0589, 0.3490, 0.3183



39.1281, 0.3310, 0.3758



8.0391, 0.3258, 0.3247



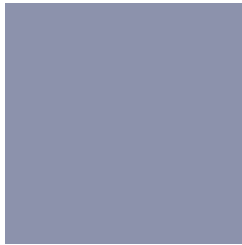
6.6125, 0.6071, 0.3118



0.1911, 0.5307, 0.2697

Previews

White Background



This preview shows how the Yxy color 29.1118, 0.2831, 0.2888 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 29.1118, 0.2831, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

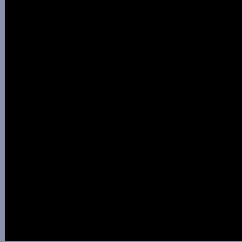
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

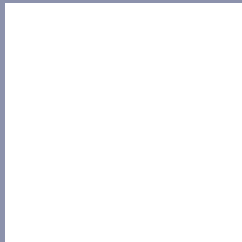
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.1118, 0.2831, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 29.1118, 0.2831, 0.2888.



This preview shows how white text looks on a background with the Yxy color 29.1118, 0.2831, 0.2888.

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

29.1118, 0.2831, 0.2888

Protanopia

29.2871, 0.2850, 0.2890

Deuteranopia

28.9580, 0.2897, 0.2836



Tritanopia

29.1211, 0.2918, 0.3099

Trichromacy



Original Color

29.1118, 0.2831, 0.2888

Protanomaly

29.1990, 0.2841, 0.2889

Deuteranomaly

28.9834, 0.2869, 0.2848

Tritanomaly

29.0367, 0.2892, 0.3022

Monochromacy



Original Color

29.1118, 0.2831, 0.2888

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1970, 0.3012, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1118, 0.2831, 0.2888 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(140, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 146, 172)  
}
```

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(140, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 172) }
```

Border

The CSS property to change the border of an element to Yxy 29.1118, 0.2831, 0.2888 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(140, 146, 172) }
```

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

```
.border{ border-color:rgb(140, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 146, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 146, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 146,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1118, 0.2831, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 146, 172) }
```

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

```
.background{ background-color: rgb(140,  
146, 172) }
```

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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