

Converting Colors

$Yxy(31.4926, 0.2741, 0.2812)$

Have a look what the booklet for
Yxy(31.4926, 0.2741, 0.2812)
contains.

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Color

Yxy(31.4926, 0.2741, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	8C98B8
RGB	140, 152, 184
RGB Percent	55%, 60%, 72%
CMY	0.4509, 0.4039, 0.2785
CMYK	0.24, 0.17, 0.00, 0.28
HSL	224°, 24%, 64%
HSV	224°, 24%, 72%
XYZ	30.6974, 31.4926, 49.8036
YIQ	152.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

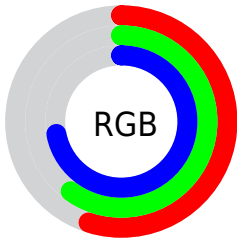
Format	Color
R _Y B	140, 149, 184
Decimal	9214136
CIE Lab	62.92, 2.87, -18.03
CIE LCh	63, 18.254, 279.054
Yxy	31.4926, 0.2741, 0.2812
Android (android.graphics.Color)	4287404216 (0xFF8C98B8)
YUV	152.0600, 15.7464, -10.5766
Hunter-Lab	56.1183, -0.5651, -13.3356

Details

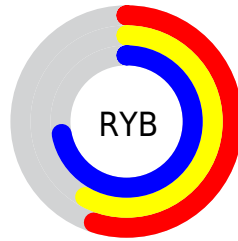
The Yxy color **31.4926, 0.2741, 0.2812** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.5966, 0.3517, 0.3726**, and the grayscale version is **31.3652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9032, 0.2817, 0.2904**, and **13.0699, 0.2613, 0.2653** is the 20% darker color. If you saturate the color by 10%, you get **25.9229, 0.2562, 0.2574**, and if you desaturate by 10%, it is **37.8228, 0.2911, 0.3028**.

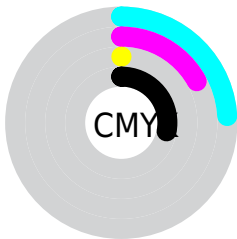
Distribution



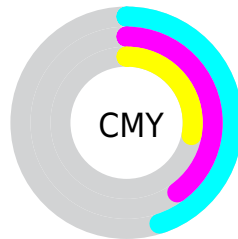
- Red (55%)
- Green (60%)
- Blue (72%)



- Red (55%)
- Yellow (58%)
- Blue (72%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4926, 0.2741, 0.2812 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 31.4926, 0.2741, 0.2812 by changing the saturation by 10% instead.

■ 31.4926, 0.2741,
0.2812

■ 31.4926, 0.2741,
0.2812

■ 308.8013, 0.2945,
0.3062

■ 20.9742, 0.2686,
0.2746

■ 62.0148, 0.2818,
0.2906

■ 13.1052, 0.2614,
0.2659

■ 82.7874, 0.2846,
0.2940

■ 7.5010, 0.2514,
0.2540

■ 107.7469, 0.2869,
0.2969

■ 3.7774, 0.2368,
0.2368

■ 137.2777, 0.2889,
0.2993

■ 1.5498, 0.2135,
0.2098

■ 171.7641, 0.2906,
0.3014

■ 0.3234, 0.1529,
0.1310

■ 211.5906, 0.2921,

■ 0.0000, 0.0000,

0.3032

0.0000

257.1415, 0.2934,
0.3048

■ 31.4926, 0.2741,
0.2812

■ 31.4926, 0.2741,
0.2812

■ 25.9229, 0.2562,
0.2574

■ 37.8228, 0.2911,
0.3028

■ 21.0803, 0.2378,
0.2317

■ 44.9375, 0.3069,
0.3221

■ 16.9346, 0.2194,
0.2047

■ 52.8643, 0.3214,
0.3392

■ 13.4517, 0.2020,
0.1772

■ 61.6284, 0.3346,
0.3541

■ 10.5946, 0.1864,
0.1505

■ 71.2537, 0.3466,
0.3672

■ 8.3221, 0.1734,
0.1258

■ 81.7633, 0.3573,
0.3785

■ 6.5869, 0.1639,
0.1046

■ 90.4631, 0.3572,
0.3905

■ 5.7502, 0.1593,
0.0935

■ 96.2404, 0.3550,
0.3988

Harmonies

Analogous

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



31.4926, 0.2601, 0.2900



31.4926, 0.2741, 0.2812



31.4926, 0.2987, 0.2844

Triad

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



31.4926, 0.2741, 0.2812



31.4926, 0.3692, 0.3437



31.4926, 0.2958, 0.3631

Complementary

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



31.4926, 0.2741, 0.2812



41.5966, 0.3517, 0.3726

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.



31.4926, 0.3247, 0.3788



31.4926, 0.2741, 0.2812



31.4926, 0.3679, 0.3656

Square

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



31.4926, 0.2741, 0.2812



31.4926, 0.3544, 0.3194



31.4926, 0.3513, 0.3791



31.4926, 0.2721, 0.3371

Rectangle

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



31.4926, 0.2741, 0.2812



31.4926, 0.3183, 0.2926



31.4926, 0.3513, 0.3791



31.4926, 0.3052, 0.3698

Sweetspot

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



31.4939, 0.2741, 0.2812



77.1554, 0.3019, 0.3161



42.8163, 0.2866, 0.3470



16.4661, 0.3010, 0.3150



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



31.4939, 0.2741, 0.2812



51.2851, 0.2642, 0.2682



28.6657, 0.2815, 0.2643



9.1068, 0.2985, 0.3119



4.0664, 0.1599, 0.0956



0.2499, 0.1747, 0.1490

Inverse Universe

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



31.2201, 0.3484, 0.3124



50.9715, 0.3595, 0.3083



45.2245, 0.3396, 0.3894



9.0513, 0.3246, 0.3228



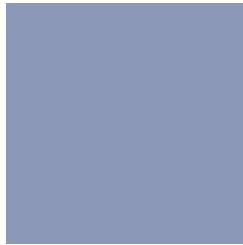
7.1928, 0.5826, 0.2983



0.2643, 0.5073, 0.2568

Previews

White Background



This preview shows how the Yxy color 31.4926, 0.2741, 0.2812 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.4926, 0.2741, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

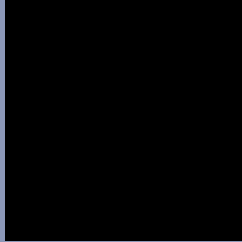
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

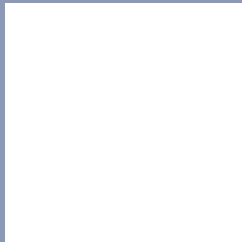
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.4926, 0.2741, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 31.4926, 0.2741, 0.2812.

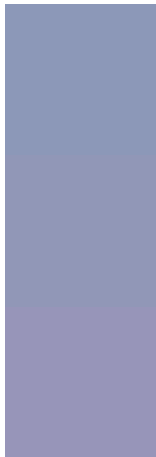


This preview shows how white text looks on a background with the Yxy color 31.4926, 0.2741, 0.2812.

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

31.4926, 0.2741, 0.2812

Protanopia

31.5719, 0.2791, 0.2816

Deuteranopia

31.5770, 0.2827, 0.2767



Tritanopia

31.5511, 0.2853, 0.3103

Trichromacy



Original Color

31.4926, 0.2741, 0.2812

Protanomaly

31.3918, 0.2773, 0.2814

Deuteranomaly

31.5185, 0.2792, 0.2776

Tritanomaly

31.5316, 0.2812, 0.2998

Monochromacy



Original Color

31.4926, 0.2741, 0.2812

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4327, 0.2979, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4926, 0.2741, 0.2812 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, 152, 184)` looks like.

```
.text, #text, p{  
    color:rgb(140, 152, 184)  
}
```

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, 152, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 152, 184) }
```

Border

The CSS property to change the border of an element to Yxy 31.4926, 0.2741, 0.2812 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, 152, 184) }
```

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

```
.border{ border-color:rgb(140, 152, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 152, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 152, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 152, 184);  
box-shadow:4px 4px 4px 4px rgb(140, 152,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4926, 0.2741, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 152, 184) }
```

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

```
.background{ background-color: rgb(140,  
152, 184) }
```

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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