

Converting Colors

$Y_{xy}(30.9429, 0.2921, 0.2790)$

Have a look what the booklet for
Yxy(30.9429, 0.2921, 0.2790)
contains.

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Color

Yxy(31.0212, 0.2923, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	9D92B4
RGB	157, 146, 180
RGB Percent	62%, 57%, 71%
CMY	0.3844, 0.4274, 0.2940
CMYK	0.13, 0.19, 0.00, 0.29
HSL	259°, 18%, 64%
HSV	259°, 19%, 71%
XYZ	32.4187, 31.0212, 47.4690
YIQ	153.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

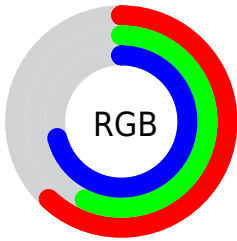
Format	Color
R_{YB}	157, 146, 180
Decimal	10326708
CIE _{Lab}	62.53, 10.87, -16.26
CIE _{LCh}	63, 19.563, 303.768
Yxy	31.0212, 0.2923, 0.2797
Android (android.graphics.Color)	4288516788 (0xFF9D92B4)
YUV	153.1650, 13.2297, 3.3633
Hunter-Lab	55.6967, 6.4280, -11.5438

Details

The Yxy color **31.0212, 0.2923, 0.2797** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.1679, 0.3307, 0.3767**, and the grayscale version is **31.8730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3617, 0.2966, 0.2892**, and **12.9013, 0.2849, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **24.7357, 0.2792, 0.2503**, and if you desaturate by 10%, it is **38.3058, 0.3038, 0.3069**.

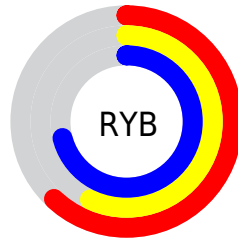
Distribution



Red (62%)

Green (57%)

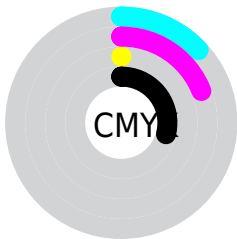
Blue (71%)



Red (62%)

Yellow (57%)

Blue (71%)

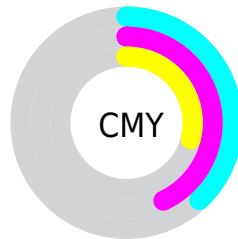


Cyan (13%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0212, 0.2923, 0.2797 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 31.0212, 0.2923, 0.2797 by changing the saturation by 10% instead.

■ 31.0212, 0.2923,
0.2797

■ 31.0212, 0.2923,
0.2797

■ 306.6360, 0.3034,
0.3053

■ 20.6150, 0.2892,
0.2730

■ 61.2734, 0.2965,
0.2892

■ 12.8429, 0.2851,
0.2643

■ 81.8883, 0.2981,
0.2927

■ 7.3204, 0.2793,
0.2524

■ 106.6748, 0.2993,
0.2956

■ 3.6633, 0.2705,
0.2353

■ 136.0173, 0.3004,
0.2981

■ 1.4871, 0.2558,
0.2087

■ 170.3003, 0.3013,
0.3003

■ 0.2796, 0.2275,
0.1197

■ 209.9082, 0.3021,

■ 0.0000, 0.0000,

0.3022

0.0000

255.2253, 0.3028,
0.3038

■ 31.0212, 0.2923,
0.2797

■ 31.0212, 0.2923,
0.2797

■ 24.7357, 0.2792,
0.2503

■ 38.3058, 0.3038,
0.3069

■ 19.4010, 0.2646,
0.2192

■ 46.6272, 0.3137,
0.3316

■ 14.9707, 0.2487,
0.1874

■ 56.0257, 0.3223,
0.3537

■ 11.3926, 0.2321,
0.1565

■ 66.5386, 0.3295,
0.3734

■ 8.6094, 0.2155,
0.1282

■ 78.2011, 0.3356,
0.3908

6.5562, 0.1998,
0.1042

91.0469, 0.3407,
0.4062

5.1572, 0.1859,
0.0861

93.7604, 0.3487,
0.4049

4.2802, 0.1744,
0.0740

95.9965, 0.3570,
0.4028

4.1958, 0.1732,
0.0728

96.0761, 0.3573,
0.4027

Harmonies

Analogous

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



31.0212, 0.2676, 0.2784



31.0212, 0.2923, 0.2797



31.0212, 0.3237, 0.2926

Triad

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



31.0212, 0.2923, 0.2797



31.0212, 0.3737, 0.3645



31.0212, 0.2728, 0.3430

Complementary

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



31.0212, 0.2923, 0.2797



43.1679, 0.3307, 0.3767

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.



31.0212, 0.2997, 0.3699



31.0212, 0.2923, 0.2797



31.0212, 0.3584, 0.3814

Square

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



31.0212, 0.2923, 0.2797



31.0212, 0.3720, 0.3400



31.0212, 0.3310, 0.3841



31.0212, 0.2568, 0.3132

Rectangle

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



31.0212, 0.2923, 0.2797



31.0212, 0.3442, 0.3063



31.0212, 0.3310, 0.3841



31.0212, 0.2808, 0.3528

Sweetspot

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



31.0225, 0.2923, 0.2797



73.4541, 0.3067, 0.3141



37.8773, 0.2840, 0.3133



15.6751, 0.3061, 0.3124



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



31.0225, 0.2923, 0.2797



50.8870, 0.2866, 0.2667



32.8314, 0.3087, 0.2821



8.3587, 0.3033, 0.3058



2.9604, 0.1743, 0.0734



0.1254, 0.2076, 0.0917

Inverse Universe

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



33.1339, 0.3255, 0.2973



55.5174, 0.3291, 0.2894



41.4253, 0.3157, 0.3790



8.5992, 0.3185, 0.3137



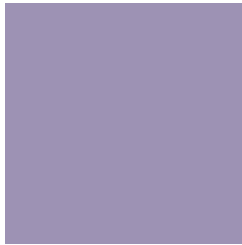
7.7657, 0.4213, 0.2094



0.2544, 0.3871, 0.1906

Previews

White Background



This preview shows how the Yxy color 31.0212, 0.2923, 0.2797 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 31.0212, 0.2923, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

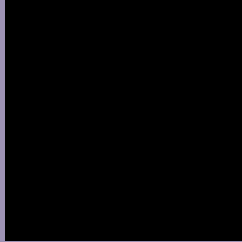
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0212, 0.2923, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 31.0212, 0.2923, 0.2797.



This preview shows how white text looks on a background with the Yxy color 31.0212, 0.2923, 0.2797.

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

31.0212, 0.2923, 0.2797

Protanopia

31.1609, 0.2781, 0.2800

Deuteranopia

31.1505, 0.2877, 0.2820



Tritanopia

30.9381, 0.3065, 0.3109

Trichromacy



Original Color

31.0212, 0.2923, 0.2797

Protanomaly

31.2619, 0.2833, 0.2804

Deuteranomaly

31.0327, 0.2895, 0.2808

Tritanomaly

30.9755, 0.3011, 0.2992

Monochromacy



Original Color

31.0212, 0.2923, 0.2797

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3271, 0.3047, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0212, 0.2923, 0.2797 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(157, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 180)  
}
```

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(157, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 180) }
```

Border

The CSS property to change the border of an element to Yxy 31.0212, 0.2923, 0.2797 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(157, 146, 180) }
```

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

```
.border{ border-color:rgb(157, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(157, 146,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0212, 0.2923, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 180) }
```

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

```
.background{ background-color: rgb(157,  
146, 180) }
```

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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