

Converting Colors

$Y_{xy}(30.9601, 0.2852, 0.2916)$

Have a look what the booklet for
Yxy(30.9601, 0.2852, 0.2916)
contains.

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Color

Yxy(30.9276, 0.2856, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	9196AF
RGB	145, 150, 175
RGB Percent	57%, 59%, 69%
CMY	0.4313, 0.4118, 0.3138
CMYK	0.17, 0.14, 0.00, 0.31
HSL	230°, 16%, 63%
HSV	230°, 17%, 69%
XYZ	30.3224, 30.9276, 44.9209
YIQ	151.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

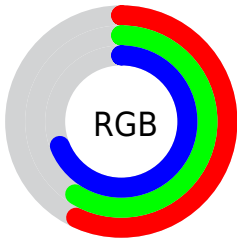
Format	Color
RYB	145, 149, 175
Decimal	9541295
CIELab	62.45, 3.52, -13.64
CIElCh	62, 14.082, 284.461
Yxy	30.9276, 0.2856, 0.2913
Android (android.graphics.Color)	4287731375 (0xFF9196AF)
YUV	151.3550, 11.6570, -5.5733
Hunter-Lab	55.6126, 0.0040, -8.9625

Details

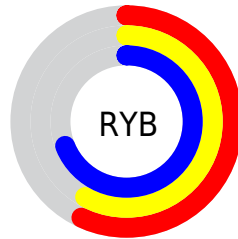
The Yxy color **30.9276, 0.2856, 0.2913** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9086, 0.3390, 0.3641**, and the grayscale version is **31.0615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0974, 0.2907, 0.2981**, and **12.7334, 0.2756, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **25.0893, 0.2678, 0.2657**, and if you desaturate by 10%, it is **37.5931, 0.3020, 0.3143**.

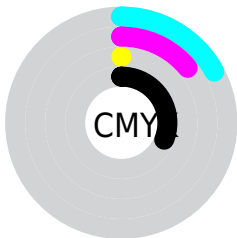
Distribution



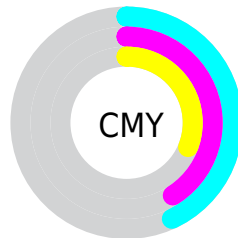
- Red (57%)
- Green (59%)
- Blue (69%)



- Red (57%)
- Yellow (58%)
- Blue (69%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (43%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9276, 0.2856, 0.2913 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 30.9276, 0.2856, 0.2913 by changing the saturation by 10% instead.

■ 30.9276, 0.2856,
0.2913

■ 30.9276, 0.2856,
0.2913

306.2046, 0.3001,
0.3112

■ 20.5437, 0.2817,
0.2860

■ 61.1261, 0.2911,
0.2988

■ 12.7909, 0.2764,
0.2790

■ 81.7094, 0.2931,
0.3015

■ 7.2847, 0.2691,
0.2693

106.4615, 0.2947,
0.3038

■ 3.6408, 0.2582,
0.2551

135.7665, 0.2961,
0.3057

■ 1.4747, 0.2402,
0.2322

170.0089, 0.2973,
0.3073

■ 0.2708, 0.1815,
0.1432

209.5731, 0.2984,

■ 0.0000, 0.0000,

0.3088

0.0000

254.8436, 0.2993,
0.3100

■ 30.9276, 0.2856,
0.2913

■ 30.9276, 0.2856,
0.2913

■ 25.0893, 0.2678,
0.2657

■ 37.5931, 0.3020,
0.3143

■ 20.0420, 0.2488,
0.2376

■ 45.1126, 0.3168,
0.3346

■ 15.7524, 0.2293,
0.2078

■ 53.5163, 0.3301,
0.3523

■ 12.1834, 0.2099,
0.1772

■ 62.8319, 0.3419,
0.3678

■ 9.2946, 0.1919,
0.1473

■ 73.0858, 0.3523,
0.3812

■ 7.0416, 0.1763,
0.1198

■ 84.3033, 0.3616,
0.3928

■ 5.3744, 0.1642,
0.0966

■ 94.0584, 0.3611,
0.4051

■ 4.2303, 0.1561,
0.0791

■ 95.8746, 0.3603,
0.4076

■ 3.9774, 0.1542,
0.0750

Harmonies

Analogous

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



30.9276, 0.2727, 0.2968



30.9276, 0.2856, 0.2913



30.9276, 0.3060, 0.2953

Triad

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



30.9276, 0.2856, 0.2913



30.9276, 0.3572, 0.3442



30.9276, 0.2959, 0.3520

Complementary

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



30.9276, 0.2856, 0.2913



39.9086, 0.3390, 0.3641

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.



30.9276, 0.3182, 0.3658



30.9276, 0.2856, 0.2913



30.9276, 0.3540, 0.3603

Square

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



30.9276, 0.2856, 0.2913



30.9276, 0.3479, 0.3251



30.9276, 0.3396, 0.3686



30.9276, 0.2785, 0.3316

Rectangle

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



30.9276, 0.2856, 0.2913



30.9276, 0.3214, 0.3027



30.9276, 0.3396, 0.3686



30.9276, 0.3030, 0.3577

Sweetspot

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



30.9289, 0.2856, 0.2913



69.9596, 0.3051, 0.3186



39.5778, 0.2911, 0.3363



15.3510, 0.3041, 0.3172



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.9289, 0.2856, 0.2913



50.7921, 0.2782, 0.2808



30.3208, 0.2948, 0.2848



7.9643, 0.2986, 0.3095



2.9120, 0.1546, 0.0764



0.1445, 0.1678, 0.1239

Inverse Universe

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



31.5712, 0.3396, 0.3219



52.2765, 0.3480, 0.3201



40.6983, 0.3286, 0.3720



8.0363, 0.3261, 0.3253



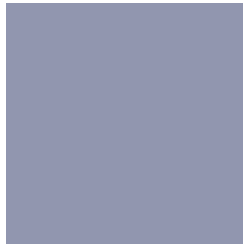
6.5970, 0.6127, 0.3149



0.1899, 0.5411, 0.2754

Previews

White Background



This preview shows how the Yxy color 30.9276, 0.2856, 0.2913 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 30.9276, 0.2856, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

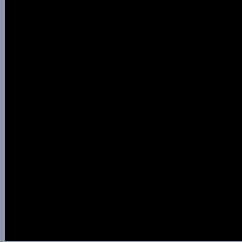
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

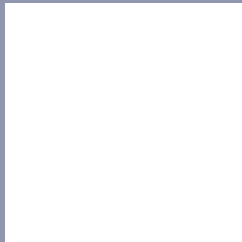
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9276, 0.2856, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 30.9276, 0.2856, 0.2913.



This preview shows how white text looks on a background with the Yxy color 30.9276, 0.2856, 0.2913.

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

30.9276, 0.2856, 0.2913

Protanopia

31.0188, 0.2865, 0.2914

Deuteranopia

30.8721, 0.2930, 0.2863



Tritanopia

30.9764, 0.2932, 0.3104

Trichromacy



Original Color

30.9276, 0.2856, 0.2913

Protanomaly

31.0188, 0.2865, 0.2914

Deuteranomaly

30.8937, 0.2902, 0.2874

Tritanomaly

30.8897, 0.2906, 0.3029

Monochromacy



Original Color

30.9276, 0.2856, 0.2913

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.0608, 0.3025, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9276, 0.2856, 0.2913 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(145, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(145, 150, 175)  
}
```

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(145, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 150, 175) }
```

Border

The CSS property to change the border of an element to Yxy 30.9276, 0.2856, 0.2913 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(145, 150, 175) }
```

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

```
.border{ border-color:rgb(145, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(145, 150,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9276, 0.2856, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 150, 175) }
```

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

```
.background{ background-color: rgb(145,  
150, 175) }
```

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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