

Converting Colors

$Y_{xy}(42.4859, 0.2866, 0.3029)$

Have a look what the booklet for
Yxy(42.4859, 0.2866, 0.3029)
contains.

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Color

Yxy(42.2815, 0.2862, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFC3
RGB	162, 175, 195
RGB Percent	64%, 69%, 76%
CMY	0.3647, 0.3137, 0.2352
CMYK	0.17, 0.10, 0.00, 0.24
HSL	216°, 22%, 70%
HSV	216°, 17%, 76%
XYZ	40.0827, 42.2815, 57.6871
YIQ	173.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

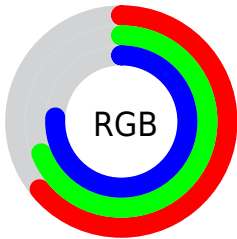
Format	Color
R _Y B	162, 171, 195
Decimal	10661827
CIE Lab	71.06, -0.33, -11.72
CIE LCh	71, 11.727, 268.408
Yxy	42.2815, 0.2862, 0.3019
Android (android.graphics.Color)	4288851907 (0xFFA2AFC3)
YUV	173.3930, 10.6523, -9.9917
Hunter-Lab	65.0242, -3.7602, -7.0830

Details

The Yxy color **42.2815, 0.2862, 0.3019** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6780, 0.3405, 0.3547**, and the grayscale version is **41.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3736, 0.2908, 0.3060**, and **19.4040, 0.2788, 0.2953** is the 20% darker color. If you saturate the color by 10%, you get **35.9934, 0.2695, 0.2834**, and if you desaturate by 10%, it is **49.2929, 0.3022, 0.3185**.

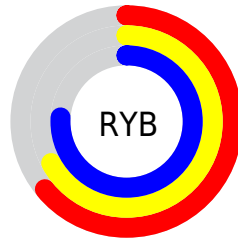
Distribution



Red (64%)

Green (69%)

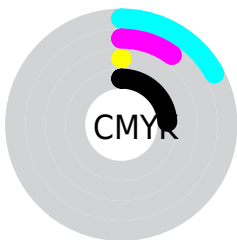
Blue (76%)



Red (64%)

Yellow (67%)

Blue (76%)

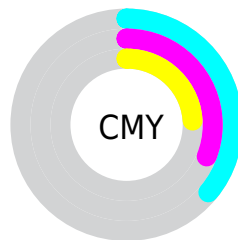


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2815, 0.2862, 0.3019 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 42.2815, 0.2862, 0.3019 by changing the saturation by 10% instead.

■ 42.2815, 0.2862,
0.3019

■ 42.2815, 0.2862,
0.3019

■ 355.6485, 0.2996,
0.3156

■ 29.3218, 0.2828,
0.2984

■ 78.6255, 0.2911,
0.3069

■ 19.3244, 0.2784,
0.2939

■ 102.7785, 0.2929,
0.3088

■ 11.9049, 0.2726,
0.2879

■ 131.4315, 0.2945,
0.3104

■ 6.6790, 0.2644,
0.2795

■ 164.9687, 0.2958,
0.3117

■ 3.2621, 0.2520,
0.2667

■ 203.7747, 0.2969,
0.3129

■ 1.2701, 0.2313,
0.2454

■ 248.2337, 0.2979,

■ 0.1179, 0.0890,

0.3139

0.1007

298.7302, 0.2988,
0.3148

0.0000, 0.0000,
0.0000

42.2815, 0.2862,
0.3019

42.2815, 0.2862,
0.3019

35.9934, 0.2695,
0.2834

49.2929, 0.3022,
0.3185

30.3985, 0.2523,
0.2632

57.0460, 0.3172,
0.3334

25.4723, 0.2351,
0.2414

65.5647, 0.3313,
0.3465

21.1863, 0.2185,
0.2184

74.8706, 0.3442,
0.3580

17.5100, 0.2030,
0.1950

84.1177, 0.3528,
0.3685

■ 14.4098, 0.1894,
0.1718

■ 91.0818, 0.3503,
0.3797

■ 11.8476, 0.1783,
0.1497

■ 96.7209, 0.3484,
0.3880

■ 9.7760, 0.1700,
0.1296

■ 9.2162, 0.1677,
0.1238

Harmonies

Analogous

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



42.2815, 0.2804, 0.3100



42.2815, 0.2862, 0.3019



42.2815, 0.2990, 0.3010

Triad

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



42.2815, 0.2862, 0.3019



42.2815, 0.3433, 0.3330



42.2815, 0.3090, 0.3525

Complementary

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



42.2815, 0.2862, 0.3019



47.6780, 0.3405, 0.3547

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.



42.2815, 0.3259, 0.3587



42.2815, 0.2862, 0.3019



42.2815, 0.3461, 0.3468

Square

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



42.2815, 0.2862, 0.3019



42.2815, 0.3321, 0.3186



42.2815, 0.3396, 0.3564



42.2815, 0.2933, 0.3395

Rectangle

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



42.2815, 0.2862, 0.3019



42.2815, 0.3100, 0.3043



42.2815, 0.3396, 0.3564



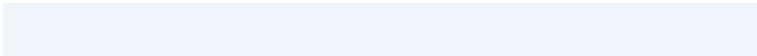
42.2815, 0.3147, 0.3554

Sweetspot

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



42.2832, 0.2862, 0.3019



90.7336, 0.3050, 0.3214



50.0891, 0.2965, 0.3466



19.6593, 0.3039, 0.3203



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



42.2832, 0.2862, 0.3019



71.7630, 0.2806, 0.2959



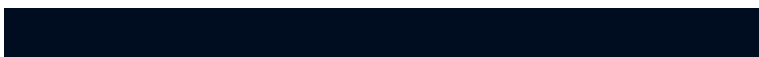
37.8163, 0.2882, 0.2841



10.3839, 0.2984, 0.3147



6.1425, 0.1684, 0.1263



0.3998, 0.1811, 0.1719

Inverse Universe

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



40.5425, 0.3325, 0.3123



68.2670, 0.3373, 0.3088



52.8156, 0.3350, 0.3709



10.1421, 0.3229, 0.3200



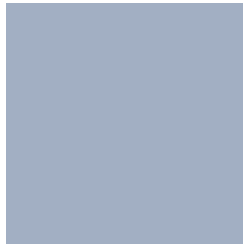
7.9023, 0.5378, 0.2736



0.3550, 0.4783, 0.2409

Previews

White Background



This preview shows how the Yxy color 42.2815, 0.2862, 0.3019 looks on a white background.

Color Contrast Check

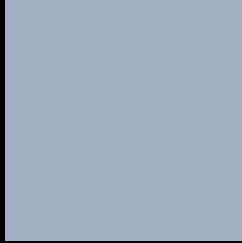
Large Text (above 18pt) WCAG AA × Fail

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 42.2815, 0.2862, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

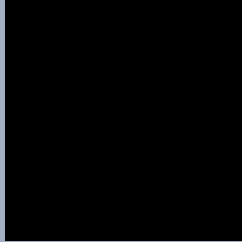
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

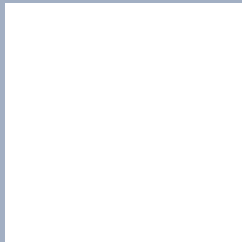
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2815, 0.2862, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 42.2815, 0.2862, 0.3019.



This preview shows how white text looks on a background with the Yxy color 42.2815, 0.2862, 0.3019.

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

42.2815, 0.2862, 0.3019

Protanopia

42.0132, 0.2950, 0.3010

Deuteranopia

42.0648, 0.3003, 0.2939



Tritanopia

42.3454, 0.2891, 0.3098

Trichromacy



Original Color

42.2815, 0.2862, 0.3019

Protanomaly

42.1070, 0.2917, 0.3009

Deuteranomaly

41.9956, 0.2943, 0.2960

Tritanomaly

42.4335, 0.2877, 0.3072

Monochromacy



Original Color

42.2815, 0.2862, 0.3019

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.0433, 0.3027, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2815, 0.2862, 0.3019 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(162, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 195)  
}
```

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(162, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 195) }
```

Border

The CSS property to change the border of an element to Yxy 42.2815, 0.2862, 0.3019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

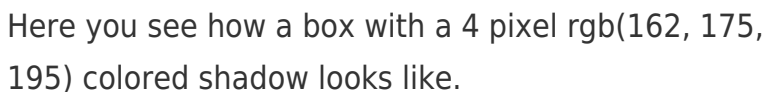
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 175, 195) }
```

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

```
.border{ border-color:rgb(162, 175, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 175, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 175, 195); box-shadow:4px 4px 4px 4px rgb(162, 175, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2815, 0.2862, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 195) }
```

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

```
.background{ background-color: rgb(162,  
175, 195) }
```

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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