

Converting Colors

$Y_{xy}(42.5009, 0.2904, 0.3058)$

Have a look what the booklet for
Yxy(42.5009, 0.2904, 0.3058)
contains.

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Color

Yxy(42.4650, 0.2909, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	A5AFC0
RGB	165, 175, 192
RGB Percent	65%, 69%, 75%
CMY	0.3527, 0.3138, 0.2470
CMYK	0.14, 0.09, 0.00, 0.25
HSL	218°, 18%, 70%
HSV	218°, 14%, 75%
XYZ	40.3695, 42.4650, 55.9400
YIQ	173.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

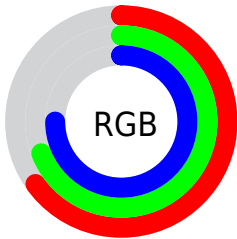
Format	Color
R_{YB}	165, 172, 192
Decimal	10858432
CIE Lab	71.19, 0.02, -9.86
CIE LCh	71, 9.855, 270.141
Yxy	42.4650, 0.2909, 0.3060
Android (android.graphics.Color)	4289048512 (0xFFA5AFC0)
YUV	173.9480, 8.8996, -7.8474
Hunter-Lab	65.1652, -3.4592, -5.2809

Details

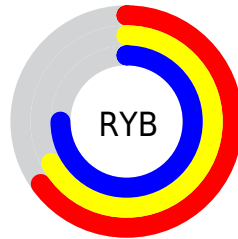
The Yxy color $42.4650, 0.2909, 0.3060$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.4090, 0.3352, 0.3510$, and the grayscale version is $42.2619, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5866, 0.2950, 0.3102$, and $19.5407, 0.2841, 0.2992$ is the 20% darker color. If you saturate the color by 10%, you get $36.0510, 0.2743, 0.2873$, and if you desaturate by 10%, it is $49.6152, 0.3066, 0.3228$.

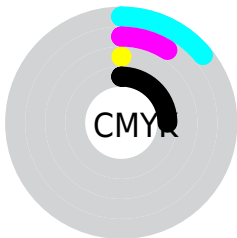
Distribution



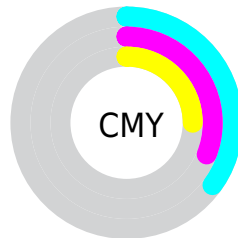
- Red (65%)
- Green (69%)
- Blue (75%)



- Red (65%)
- Yellow (67%)
- Blue (75%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4650, 0.2909, 0.3060 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 42.4650, 0.2909, 0.3060 by changing the saturation by 10% instead.

■ 42.4650, 0.2909,
0.3060

■ 42.4650, 0.2909,
0.3060

356.4069, 0.3019,
0.3176

■ 29.4656, 0.2881,
0.3031

■ 78.9029, 0.2949,
0.3103

■ 19.4333, 0.2845,
0.2992

■ 103.1102, 0.2964,
0.3119

■ 11.9838, 0.2797,
0.2941

131.8222, 0.2977,
0.3132

■ 6.7326, 0.2728,
0.2869

165.4233, 0.2988,
0.3143

■ 3.2955, 0.2625,
0.2760

204.2979, 0.2997,
0.3153

■ 1.2879, 0.2451,
0.2577

248.8305, 0.3006,

■ 0.1318, 0.1154,

0.3162

0.1209

299.4054, 0.3013,
0.3170

0.0000, 0.0000,
0.0000

42.4650, 0.2909,
0.3060

42.4650, 0.2909,
0.3060

36.0510, 0.2743,
0.2873

49.6152, 0.3066,
0.3228

30.3431, 0.2570,
0.2667

57.5199, 0.3214,
0.3377

25.3168, 0.2395,
0.2444

66.2032, 0.3350,
0.3508

20.9440, 0.2224,
0.2208

75.6867, 0.3475,
0.3622

17.1943, 0.2062,
0.1966

84.8243, 0.3545,
0.3729

■ 14.0346, 0.1917,
0.1724

■ 92.0269, 0.3518,
0.3843

■ 11.4280, 0.1795,
0.1493

■ 96.5860, 0.3502,
0.3909

■ 9.3318, 0.1703,
0.1283

■ 8.2860, 0.1658,
0.1169

Harmonies

Analogous

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



42.4650, 0.2856, 0.3126



42.4650, 0.2909, 0.3060



42.4650, 0.3020, 0.3055

Triad

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



42.4650, 0.2909, 0.3060



42.4650, 0.3387, 0.3332



42.4650, 0.3088, 0.3481

Complementary

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



42.4650, 0.2909, 0.3060



47.4090, 0.3352, 0.3510

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.



42.4650, 0.3231, 0.3537



42.4650, 0.2909, 0.3060



42.4650, 0.3406, 0.3446

Square

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



42.4650, 0.2909, 0.3060



42.4650, 0.3297, 0.3210



42.4650, 0.3348, 0.3523



42.4650, 0.2958, 0.3370

Rectangle

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



42.4650, 0.2909, 0.3060



42.4650, 0.3113, 0.3086



42.4650, 0.3348, 0.3523



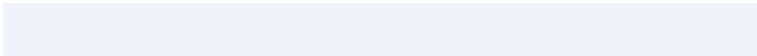
42.4650, 0.3136, 0.3507

Sweetspot

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



42.4668, 0.2909, 0.3060



89.8589, 0.3066, 0.3227



49.0701, 0.2989, 0.3428



19.0565, 0.3054, 0.3215



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.4668, 0.2909, 0.3060



73.0398, 0.2856, 0.3002



39.0815, 0.2932, 0.2925



10.3426, 0.2984, 0.3141



5.7127, 0.1665, 0.1192



0.3790, 0.1793, 0.1654

Inverse Universe

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



41.2309, 0.3293, 0.3161



70.4656, 0.3338, 0.3130



51.2207, 0.3308, 0.3636



10.1379, 0.3232, 0.3205



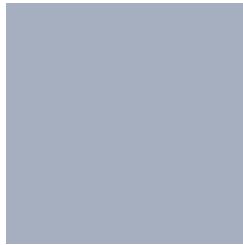
7.8589, 0.5478, 0.2791



0.3529, 0.4863, 0.2453

Previews

White Background



This preview shows how the Yxy color 42.4650, 0.2909, 0.3060 looks on a white background.

Color Contrast Check

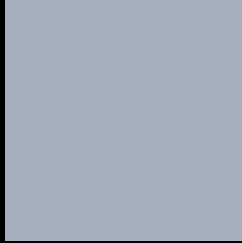
Large Text (above 18pt) WCAG AA × Fail

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 42.4650, 0.2909, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

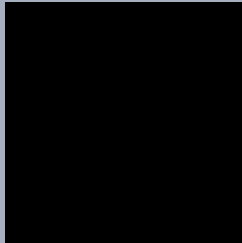
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4650, 0.2909, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 42.4650, 0.2909, 0.3060.



This preview shows how white text looks on a background with the Yxy color 42.4650, 0.2909, 0.3060.

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

42.4650, 0.2909, 0.3060

Protanopia

42.4194, 0.2974, 0.3050

Deuteranopia

42.1713, 0.3044, 0.2978



Tritanopia

42.3334, 0.2931, 0.3100

Trichromacy



Original Color

42.4650, 0.2909, 0.3060

Protanomaly

42.4687, 0.2949, 0.3062

Deuteranomaly

42.2062, 0.2992, 0.3000

Tritanomaly

42.3770, 0.2924, 0.3087

Monochromacy



Original Color

42.4650, 0.2909, 0.3060

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2662, 0.3044, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4650, 0.2909, 0.3060 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(165, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 192)  
}
```

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(165, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 192) }
```

Border

The CSS property to change the border of an element to Yxy 42.4650, 0.2909, 0.3060 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(165, 175, 192) }
```

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

```
.border{ border-color:rgb(165, 175, 192) }
```

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

Here you see how a box with a 4 pixel rgb(165, 175, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4650, 0.2909, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 192) }
```

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

```
.background{ background-color: rgb(165,  
175, 192) }
```

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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