

Converting Colors

$Y_{xy}(42.1703, 0.2904, 0.3245)$

Have a look what the booklet for
Yxy(42.1703, 0.2904, 0.3245)
contains.

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Color

Yxy(42.0470, 0.2903, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	9AB2B5
RGB	154, 178, 181
RGB Percent	60%, 70%, 71%
CMY	0.3960, 0.3020, 0.2902
CMYK	0.15, 0.02, 0.00, 0.29
HSL	187°, 15%, 66%
HSV	187°, 15%, 71%
XYZ	37.5924, 42.0470, 49.8555
YIQ	171.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

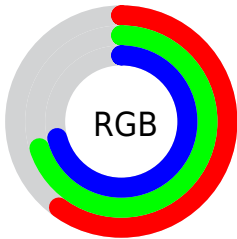
Format	Color
RYB	154, 167, 181
Decimal	10138293
CIELab	70.90, -7.56, -4.32
CIELCh	71, 8.709, 209.726
Yxy	42.0470, 0.2903, 0.3247
Android (android.graphics.Color)	4288328373 (0xFF9AB2B5)
YUV	171.1660, 4.8482, -15.0546
Hunter-Lab	64.8437, -9.9931, -0.1950

Details

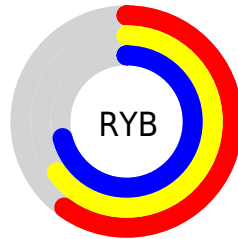
The Yxy color $42.0470, 0.2903, 0.3247$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.2892, 0.3394, 0.3333$, and the grayscale version is $40.7970, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5154, 0.2946, 0.3257$, and $19.1093, 0.2844, 0.3230$ is the 20% darker color. If you saturate the color by 10%, you get $39.6049, 0.2760, 0.3215$, and if you desaturate by 10%, it is $44.7723, 0.3052, 0.3277$.

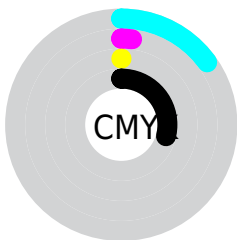
Distribution



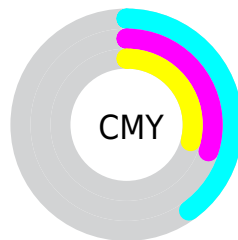
- Red (60%)
- Green (70%)
- Blue (71%)



- Red (60%)
- Yellow (65%)
- Blue (71%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0470, 0.2903, 0.3247 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 42.0470, 0.2903, 0.3247 by changing the saturation by 10% instead.

■ 42.0470, 0.2903,
0.3247

■ 42.0470, 0.2903,
0.3247

■ 354.6777, 0.3016,
0.3270

■ 29.1381, 0.2874,
0.3241

■ 78.2708, 0.2945,
0.3256

■ 19.1853, 0.2837,
0.3233

■ 102.3544, 0.2960,
0.3259

■ 11.8043, 0.2787,
0.3221

■ 130.9317, 0.2973,
0.3261

■ 6.6105, 0.2717,
0.3205

■ 164.3872, 0.2984,
0.3264

■ 3.2197, 0.2609,
0.3177

■ 203.1051, 0.2994,
0.3266

■ 1.2475, 0.2427,
0.3126

■ 247.4699, 0.3002,

■ 0.1000, 0.0000,

0.3267

0.1958

297.8660, 0.3010,
0.3269

0.0000, 0.0000,
0.0000

42.0470, 0.2903,
0.3247

42.0470, 0.2903,
0.3247

39.6049, 0.2760,
0.3215

44.7723, 0.3052,
0.3277

37.4288, 0.2628,
0.3181

47.7868, 0.3206,
0.3303

35.5076, 0.2507,
0.3145

51.1029, 0.3360,
0.3328

33.8271, 0.2402,
0.3108

54.7306, 0.3514,
0.3349

32.3720, 0.2314,
0.3070

58.6796, 0.3665,
0.3368

■ 31.1249, 0.2245,
0.3031

■ 61.4813, 0.3748,
0.3387

■ 30.0658, 0.2194,
0.2992

■ 62.3645, 0.3742,
0.3408

■ 29.1704, 0.2162,
0.2954

■ 63.2600, 0.3736,
0.3429

■ 28.7497, 0.2149,
0.2935

■ 64.1677, 0.3730,
0.3450

Harmonies

Analogous

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



42.0470, 0.2979, 0.3363



42.0470, 0.2903, 0.3247



42.0470, 0.2886, 0.3146

Triad

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



42.0470, 0.2903, 0.3247



42.0470, 0.3156, 0.3129



42.0470, 0.3324, 0.3496

Complementary

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



42.0470, 0.2903, 0.3247



36.2892, 0.3394, 0.3333

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.



42.0470, 0.3374, 0.3428



42.0470, 0.2903, 0.3247



42.0470, 0.3276, 0.3217

Square

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



42.0470, 0.2903, 0.3247



42.0470, 0.3031, 0.3081



42.0470, 0.3357, 0.3326



42.0470, 0.3221, 0.3509

Rectangle

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



42.0470, 0.2903, 0.3247



42.0470, 0.2910, 0.3101



42.0470, 0.3357, 0.3326



42.0470, 0.3347, 0.3478

Sweetspot

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



42.0487, 0.2903, 0.3247



80.6078, 0.3065, 0.3279



42.3503, 0.3088, 0.3641



17.3391, 0.3054, 0.3277



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.



42.0487, 0.2903, 0.3247



73.7573, 0.2854, 0.3236



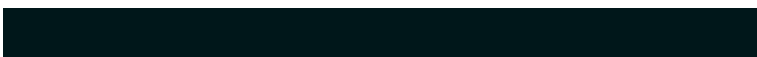
37.0565, 0.2896, 0.3058



9.4661, 0.2986, 0.3264



19.8803, 0.2150, 0.2940



0.6714, 0.2179, 0.3046

Inverse Universe

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



36.1610, 0.3172, 0.2967



61.1635, 0.3183, 0.2892



40.9909, 0.3368, 0.3512



8.6300, 0.3154, 0.3090



8.5471, 0.3508, 0.1706



0.2736, 0.3414, 0.1654

Previews

White Background



This preview shows how the Yxy color 42.0470, 0.2903, 0.3247 looks on a white background.

Color Contrast Check

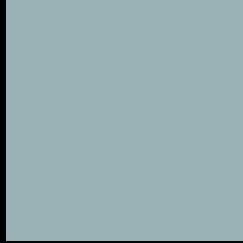
Large Text (above 18pt) WCAG AA × Fail

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 42.0470, 0.2903, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

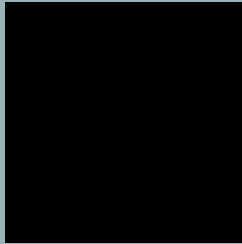
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

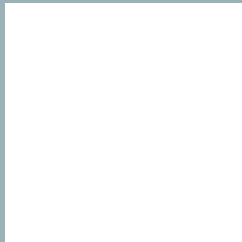
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0470, 0.2903, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 42.0470, 0.2903, 0.3247.



This preview shows how white text looks on a background with the Yxy color 42.0470, 0.2903, 0.3247.

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

42.0470, 0.2903, 0.3247

Protanopia

41.8334, 0.3104, 0.3209

Deuteranopia

41.8633, 0.3164, 0.3094



Tritanopia

42.2738, 0.2845, 0.3097

Trichromacy



Original Color

42.0470, 0.2903, 0.3247

Protanomaly

41.7423, 0.3026, 0.3221

Deuteranomaly

41.8811, 0.3063, 0.3155

Tritanomaly

42.0007, 0.2866, 0.3150

Monochromacy



Original Color

42.0470, 0.2903, 0.3247

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3666, 0.3040, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0470, 0.2903, 0.3247 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(154, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 178, 181)  
}
```

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(154, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 178, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.0470, 0.2903, 0.3247 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(154, 178, 181) }
```

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

```
.border{ border-color:rgb(154, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 178,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0470, 0.2903, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 178, 181) }
```

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

```
.background{ background-color: rgb(154,  
178, 181) }
```

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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