

Converting Colors

$Y_{xy}(42.6194, 0.2821, 0.3247)$

Have a look what the booklet for
Yxy(42.6194, 0.2821, 0.3247)
contains.

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Color

Yxy(42.6194, 0.2821, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	92B5B8
RGB	146, 181, 184
RGB Percent	57%, 71%, 72%
CMY	0.4274, 0.2902, 0.2785
CMYK	0.21, 0.02, 0.00, 0.28
HSL	185°, 21%, 65%
HSV	185°, 21%, 72%
XYZ	37.0278, 42.6194, 51.6106
YIQ	170.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

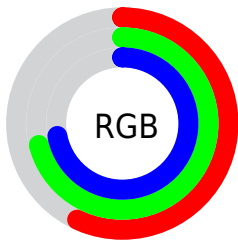
Format	Color
RYB	146, 164, 184
Decimal	9614776
CIELab	71.30, -11.10, -5.43
CIELCh	71, 12.358, 206.062
Yxy	42.6194, 0.2821, 0.3247
Android (android.graphics.Color)	4287804856 (0xFF92B5B8)
YUV	170.8770, 6.4696, -21.8171
Hunter-Lab	65.2835, -13.0037, -1.1738

Details

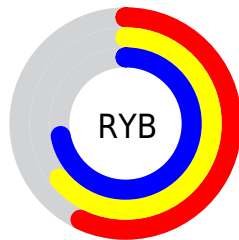
The Yxy color **42.6194, 0.2821, 0.3247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7505, 0.3525, 0.3333**, and the grayscale version is **40.6352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2772, 0.2880, 0.3257**, and **19.5099, 0.2737, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **40.4856, 0.2686, 0.3224**, and if you desaturate by 10%, it is **45.0341, 0.2966, 0.3269**.

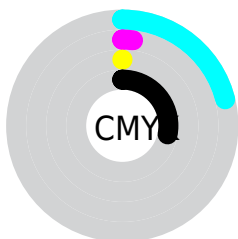
Distribution



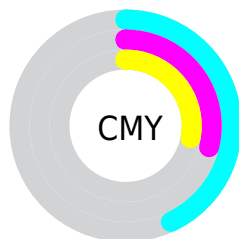
- Red (57%)
- Green (71%)
- Blue (72%)



- Red (57%)
- Yellow (64%)
- Blue (72%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)





- Cyan (43%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6194, 0.2821, 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 42.6194, 0.2821, 0.3247 by changing the saturation by 10% instead.


 42.6194, 0.2821,
0.3247


 42.6194, 0.2821,
0.3247


357.0442, 0.2975,
0.3271

 29.5866, 0.2782,
0.3240


 79.1362, 0.2877,
0.3256

 19.5250, 0.2732,
0.3232


 103.3890, 0.2898,
0.3259

 12.0503, 0.2665,
0.3219


132.1506, 0.2916,
0.3262

 6.7779, 0.2572,
0.3200

165.8054, 0.2931,
0.3264

 3.3236, 0.2430,
0.3169

204.7377, 0.2944,
0.3266

 1.3029, 0.2195,
0.3109

249.3320, 0.2956,

 0.1435, 0.0000,

0.3268

0.2112

299.9727, 0.2966,
0.3269

0.0000, 0.0000,
0.0000

42.6194, 0.2821,
0.3247

42.6194, 0.2821,
0.3247

40.4856, 0.2686,
0.3224

45.0341, 0.2966,
0.3269

38.6144, 0.2562,
0.3199

47.7366, 0.3117,
0.3289

36.9936, 0.2454,
0.3174

50.7399, 0.3272,
0.3307

35.6079, 0.2363,
0.3147

54.0549, 0.3428,
0.3323

34.4401, 0.2290,
0.3121

57.6917, 0.3583,
0.3338

■ 33.4707, 0.2236,
0.3094

■ 61.3956, 0.3724,
0.3351

■ 32.6768, 0.2200,
0.3068

■ 62.0214, 0.3720,
0.3366

■ 32.0492, 0.2179,
0.3043

■ 62.6533, 0.3716,
0.3381

■ 63.2914, 0.3712,
0.3396

Harmonies

Analogous

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



42.6194, 0.2935, 0.3412



42.6194, 0.2821, 0.3247



42.6194, 0.2787, 0.3100

Triad

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



42.6194, 0.2821, 0.3247



42.6194, 0.3145, 0.3053



42.6194, 0.3418, 0.3572

Complementary

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



42.6194, 0.2821, 0.3247



33.7505, 0.3525, 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.



42.6194, 0.3479, 0.3466



42.6194, 0.2821, 0.3247



42.6194, 0.3319, 0.3170

Square

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



42.6194, 0.2821, 0.3247



42.6194, 0.2971, 0.2994



42.6194, 0.3443, 0.3320



42.6194, 0.3279, 0.3603

Rectangle

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



42.6194, 0.2821, 0.3247



42.6194, 0.2814, 0.3032



42.6194, 0.3443, 0.3320



42.6194, 0.3449, 0.3544

Sweetspot

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



42.6211, 0.2821, 0.3247



83.8158, 0.3034, 0.3278



42.5389, 0.3082, 0.3813



18.0015, 0.3024, 0.3277



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.6211, 0.2821, 0.3247



75.3705, 0.2755, 0.3236



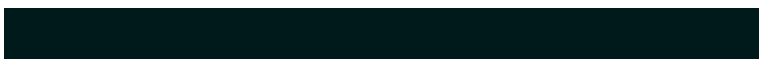
35.5737, 0.2803, 0.2976



10.0870, 0.2985, 0.3271



22.1408, 0.2180, 0.3047



0.8164, 0.2198, 0.3114

Inverse Universe

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



34.0826, 0.3179, 0.2823



57.0231, 0.3192, 0.2713



40.0926, 0.3475, 0.3585



9.1503, 0.3149, 0.3082



9.0175, 0.3413, 0.1654



0.3215, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 42.6194, 0.2821, 0.3247 looks on a white background.

Color Contrast Check

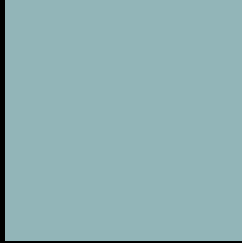
Large Text (above 18pt) WCAG AA × Fail

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 42.6194, 0.2821, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

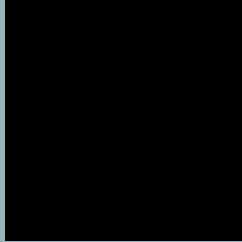
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

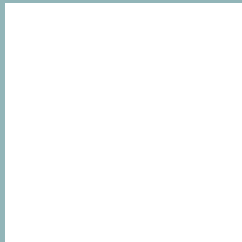
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6194, 0.2821, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 42.6194, 0.2821, 0.3247.



This preview shows how white text looks on a background with the Yxy color 42.6194, 0.2821, 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

42.6194, 0.2821, 0.3247

Protanopia

42.3719, 0.3104, 0.3209

Deuteranopia

42.2354, 0.3129, 0.3069



Tritanopia

42.4311, 0.2764, 0.3081

Trichromacy



Original Color

42.6194, 0.2821, 0.3247

Protanomaly

42.3862, 0.2993, 0.3221

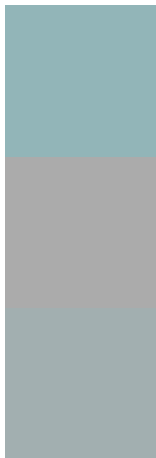
Deuteranomaly

42.0478, 0.3012, 0.3128

Tritanomaly

42.5633, 0.2785, 0.3149

Monochromacy



Original Color

42.6194, 0.2821, 0.3247

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4759, 0.3006, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6194, 0.2821, 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(146, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(146, 181, 184)  
}
```

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(146, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.6194, 0.2821, 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(146, 181, 184) }
```

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

```
.border{ border-color:rgb(146, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(146, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6194, 0.2821, 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(146, 181, 184) }
```

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

```
.background{ background-color: rgb(146,  
181, 184) }
```

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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