

Converting Colors

$Y_{xy}(43.1842, 0.2808, 0.3253)$

Have a look what the booklet for
Yxy(43.1842, 0.2808, 0.3253)
contains.

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Color

Yxy(42.9784, 0.2807, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	91B6B9
RGB	145, 182, 185
RGB Percent	57%, 71%, 73%
CMY	0.4316, 0.2862, 0.2745
CMYK	0.22, 0.02, 0.00, 0.27
HSL	184°, 22%, 65%
HSV	184°, 22%, 73%
XYZ	37.1544, 42.9784, 52.2306
YIQ	171.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

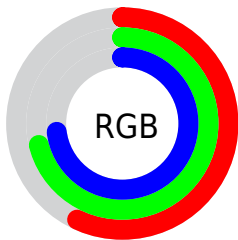
Format	Color
R_{YB}	145, 164, 185
Decimal	9549497
CIE _{Lab}	71.54, -11.74, -5.63
CIE _{LCh}	72, 13.019, 205.622
Yxy	42.9784, 0.2807, 0.3247
Android (android.graphics.Color)	4287739577 (0xFF91B6B9)
YUV	171.2790, 6.7645, -23.0467
Hunter-Lab	65.5579, -13.5629, -1.3464

Details

The Yxy color **42.9784, 0.2807, 0.3247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.5126, 0.3549, 0.3333**, and the grayscale version is **40.8423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7793, 0.2869, 0.3257**, and **19.6936, 0.2710, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **40.8746, 0.2673, 0.3225**, and if you desaturate by 10%, it is **45.3648, 0.2951, 0.3268**.

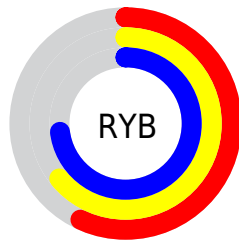
Distribution



Red (57%)

Green (71%)

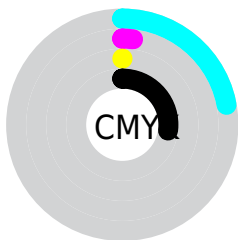
Blue (73%)



Red (57%)

Yellow (64%)

Blue (73%)

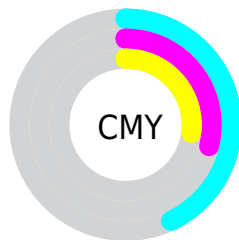


Cyan (22%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9784, 0.2807, 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 42.9784, 0.2807, 0.3247 by changing the saturation by 10% instead.

 42.9784, 0.2807,
0.3247


 42.9784, 0.2807,
0.3247


358.5229, 0.2968,
0.3271

 29.8682, 0.2767,
0.3240


 79.6783, 0.2866,
0.3256

 19.7385, 0.2715,
0.3231


 104.0367, 0.2888,
0.3259

 12.2051, 0.2645,
0.3219


132.9133, 0.2906,
0.3262

 6.8835, 0.2548,
0.3200

166.6925, 0.2922,
0.3264

 3.3894, 0.2402,
0.3168

205.7586, 0.2936,
0.3266

 1.3382, 0.2160,
0.3106

250.4962, 0.2948,

 0.1705, 0.0000,

0.3268

0.2274

301.2895, 0.2958,
0.3269

0.0000, 0.0000,
0.0000

42.9784, 0.2807,
0.3247

42.9784, 0.2807,
0.3247

40.8746, 0.2673,
0.3225

45.3648, 0.2951,
0.3268

39.0350, 0.2551,
0.3201

48.0409, 0.3102,
0.3287

37.4469, 0.2445,
0.3177

51.0201, 0.3257,
0.3305

36.0946, 0.2356,
0.3152

54.3134, 0.3413,
0.3320

34.9606, 0.2285,
0.3127

57.9310, 0.3569,
0.3334

■ 34.0248, 0.2234,
0.3102

■ 61.7032, 0.3714,
0.3347

■ 33.2634, 0.2200,
0.3077

■ 62.3025, 0.3710,
0.3361

■ 32.7214, 0.2182,
0.3056

■ 62.9074, 0.3706,
0.3375

■ 63.5180, 0.3702,
0.3390

Harmonies

Analogous

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



42.9784, 0.2927, 0.3421



42.9784, 0.2807, 0.3247



42.9784, 0.2770, 0.3092

Triad

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



42.9784, 0.2807, 0.3247



42.9784, 0.3143, 0.3040



42.9784, 0.3434, 0.3585

Complementary

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



42.9784, 0.2807, 0.3247



33.5126, 0.3549, 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.



42.9784, 0.3497, 0.3473



42.9784, 0.2807, 0.3247



42.9784, 0.3326, 0.3162

Square

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



42.9784, 0.2807, 0.3247



42.9784, 0.2960, 0.2979



42.9784, 0.3458, 0.3318



42.9784, 0.3289, 0.3620

Rectangle

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



42.9784, 0.2807, 0.3247



42.9784, 0.2797, 0.3020



42.9784, 0.3458, 0.3318



42.9784, 0.3466, 0.3555

Sweetspot

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



42.9802, 0.2807, 0.3247



83.8496, 0.3034, 0.3279



42.8355, 0.3079, 0.3842



18.0096, 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.



42.9802, 0.2807, 0.3247



75.1215, 0.2741, 0.3237



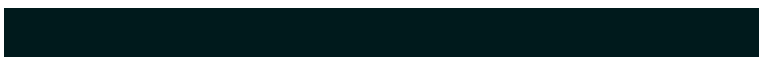
35.4648, 0.2787, 0.2959



10.0933, 0.2985, 0.3272



22.3295, 0.2183, 0.3059



0.8214, 0.2201, 0.3123

Inverse Universe

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



33.9271, 0.3180, 0.2798



56.0688, 0.3193, 0.2687



40.2286, 0.3494, 0.3600



9.1509, 0.3149, 0.3081



9.0365, 0.3402, 0.1648



0.3220, 0.3347, 0.1618

Previews

White Background



This preview shows how the Yxy color 42.9784, 0.2807, 0.3247 looks on a white background.

Color Contrast Check

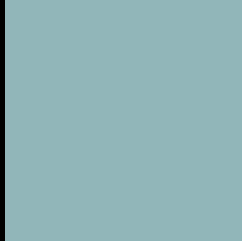
Large Text (above 18pt) WCAG AA × Fail

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 42.9784, 0.2807, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

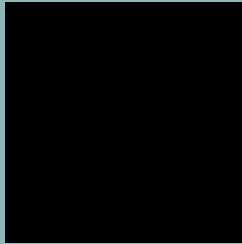
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9784, 0.2807, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 42.9784, 0.2807, 0.3247.



This preview shows how white text looks on a background with the Yxy color 42.9784, 0.2807, 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

42.9784, 0.2807, 0.3247

Protanopia

42.7975, 0.3096, 0.3210

Deuteranopia

42.8194, 0.3120, 0.3057



Tritanopia

42.7857, 0.2751, 0.3081

Trichromacy



Original Color

42.9784, 0.2807, 0.3247

Protanomaly

42.8210, 0.2985, 0.3221

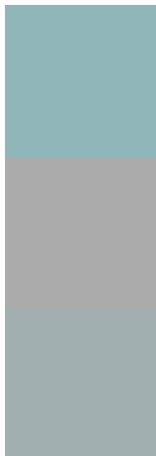
Deuteranomaly

42.5179, 0.2997, 0.3115

Tritanomaly

42.9203, 0.2772, 0.3149

Monochromacy



Original Color

42.9784, 0.2807, 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 42.9784, 0.2807, 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(145, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(145, 182, 185)  
}
```

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, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 182, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.9784, 0.2807, 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(145, 182, 185) }
```

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

```
.border{ border-color:rgb(145, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(145, 182,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9784, 0.2807, 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(145, 182, 185) }
```

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

```
.background{ background-color: rgb(145,  
182, 185) }
```

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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