

Converting Colors

$Y_{xy}(43.6758, 0.2826, 0.3196)$

Have a look what the booklet for
Yxy(43.6758, 0.2826, 0.3196)
contains.

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Color

Yxy(43.7093, 0.2825, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	97B6BD
RGB	151, 182, 189
RGB Percent	59%, 71%, 74%
CMY	0.4076, 0.2863, 0.2588
CMYK	0.20, 0.04, 0.00, 0.26
HSL	191°, 22%, 67%
HSV	191°, 20%, 74%
XYZ	38.6838, 43.7093, 54.5408
YIQ	173.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

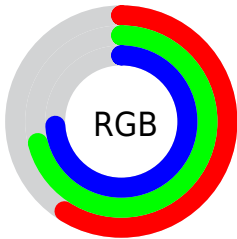
Format	Color
RYB	151, 168, 189
Decimal	9942717
CIELab	72.03, -8.92, -7.05
CIElCh	72, 11.370, 218.347
Yxy	43.7093, 0.2825, 0.3192
Android (android.graphics.Color)	4288132797 (0xFF97B6BD)
YUV	173.5290, 7.6272, -19.7579
Hunter-Lab	66.1130, -11.2544, -2.6329

Details

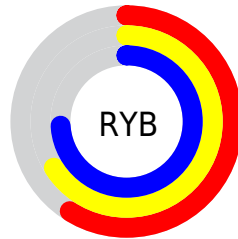
The Yxy color **43.7093, 0.2825, 0.3192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5331, 0.3502, 0.3386**, and the grayscale version is **42.0477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8635, 0.2883, 0.3215**, and **20.1307, 0.2732, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **40.6320, 0.2682, 0.3137**, and if you desaturate by 10%, it is **47.1158, 0.2974, 0.3243**.

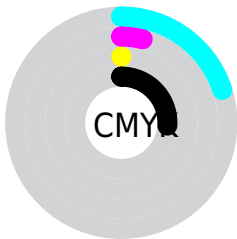
Distribution



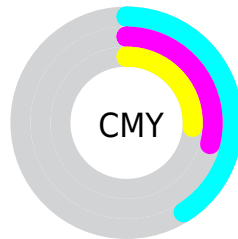
- Red (59%)
- Green (71%)
- Blue (74%)



- Red (59%)
- Yellow (66%)
- Blue (74%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)





- Cyan (41%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7093, 0.2825, 0.3192 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 43.7093, 0.2825, 0.3192 by changing the saturation by 10% instead.


 43.7093, 0.2825,
0.3192


 43.7093, 0.2825,
0.3192


361.5207, 0.2976,
0.3243

 30.4420, 0.2787,
0.3179


 80.7801, 0.2880,
0.3211

 20.1743, 0.2738,
0.3161

 105.3525, 0.2901,
0.3218

 12.5218, 0.2674,
0.3137


134.4620, 0.2918,
0.3224

 7.1001, 0.2583,
0.3101

168.4931, 0.2933,
0.3229

 3.5248, 0.2448,
0.3046

207.8301, 0.2946,
0.3233

 1.4115, 0.2225,
0.2947

252.8574, 0.2957,

 0.2252, 0.0000,

0.3237

303.9595, 0.2967,
0.3240

0.2337

0.0000, 0.0000,
0.0000

43.7093, 0.2825,
0.3192

43.7093, 0.2825,
0.3192

40.6320, 0.2682,
0.3137

47.1158, 0.2974,
0.3243

37.8645, 0.2549,
0.3078

50.8591, 0.3126,
0.3290

35.3934, 0.2428,
0.3016

54.9536, 0.3279,
0.3332

33.2021, 0.2323,
0.2951

59.4108, 0.3431,
0.3369

31.2722, 0.2234,
0.2885

64.2418, 0.3579,
0.3403

■ 29.5829, 0.2165,
0.2818

■ 67.6183, 0.3647,
0.3436

■ 28.1094, 0.2115,
0.2752

■ 69.2857, 0.3638,
0.3472

■ 26.8116, 0.2080,
0.2687

■ 70.9904, 0.3629,
0.3507

■ 72.7328, 0.3620,
0.3542

Harmonies

Analogous

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



43.7093, 0.2901, 0.3341



43.7093, 0.2825, 0.3192



43.7093, 0.2827, 0.3075

Triad

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



43.7093, 0.2825, 0.3192



43.7093, 0.3212, 0.3112



43.7093, 0.3348, 0.3568

Complementary

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



43.7093, 0.2825, 0.3192



37.5331, 0.3502, 0.3386

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.



43.7093, 0.3436, 0.3497



43.7093, 0.2825, 0.3192



43.7093, 0.3356, 0.3235

Square

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



43.7093, 0.2825, 0.3192



43.7093, 0.3047, 0.3033



43.7093, 0.3439, 0.3375



43.7093, 0.3201, 0.3563

Rectangle

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



43.7093, 0.2825, 0.3192



43.7093, 0.2873, 0.3030



43.7093, 0.3439, 0.3375



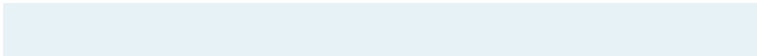
43.7093, 0.3385, 0.3552

Sweetspot

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



43.7111, 0.2825, 0.3192



86.9775, 0.3034, 0.3262



45.4493, 0.3051, 0.3733



18.6115, 0.3024, 0.3259



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.7111, 0.2825, 0.3192



75.8398, 0.2763, 0.3169



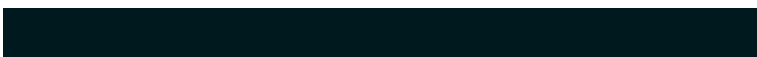
36.4805, 0.2808, 0.2921



10.5016, 0.2985, 0.3247



18.1435, 0.2082, 0.2695



0.7898, 0.2126, 0.2853

Inverse Universe

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



36.3489, 0.3215, 0.2885



60.4519, 0.3237, 0.2796



44.4937, 0.3454, 0.3634



9.6652, 0.3165, 0.3105



8.8613, 0.3733, 0.1830



0.3551, 0.3586, 0.1749

Previews

White Background



This preview shows how the Yxy color 43.7093, 0.2825, 0.3192 looks on a white background.

Color Contrast Check

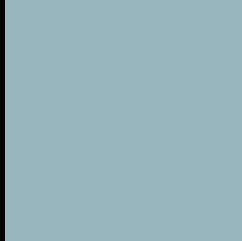
Large Text (above 18pt) WCAG AA × Fail

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 43.7093, 0.2825, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

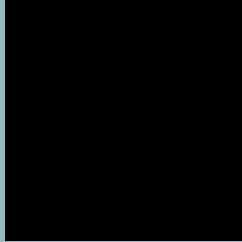
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7093, 0.2825, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 43.7093, 0.2825, 0.3192.



This preview shows how white text looks on a background with the Yxy color 43.7093, 0.2825, 0.3192.

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

43.7093, 0.2825, 0.3192

Protanopia

43.5098, 0.3064, 0.3157

Deuteranopia

43.3265, 0.3095, 0.3033



Tritanopia

43.6633, 0.2789, 0.3097

Trichromacy



Original Color

43.7093, 0.2825, 0.3192

Protanomaly

43.7108, 0.2980, 0.3182

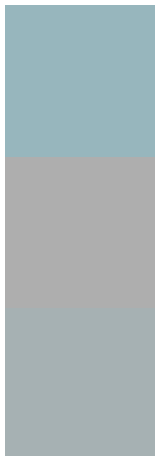
Deuteranomaly

43.2619, 0.2990, 0.3091

Tritanomaly

43.5734, 0.2803, 0.3124

Monochromacy



Original Color

43.7093, 0.2825, 0.3192

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8059, 0.3017, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7093, 0.2825, 0.3192 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(151, 182, 189)` looks like.

```
.text, #text, p{  
    color:rgb(151, 182, 189)  
}
```

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(151, 182, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 182, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.7093, 0.2825, 0.3192 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(151, 182, 189) }
```

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

```
.border{ border-color:rgb(151, 182, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 182, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 182, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 182, 189); box-shadow:4px 4px 4px 4px rgb(151, 182, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7093, 0.2825, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 182, 189) }
```

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

```
.background{ background-color: rgb(151,  
182, 189) }
```

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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