

Converting Colors

$Y_{xy}(42.8287, 0.2790, 0.3230)$

Have a look what the booklet for
Yxy(42.8287, 0.2790, 0.3230)
contains.

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Color

Yxy(42.9304, 0.2793, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	90B6BA
RGB	144, 182, 186
RGB Percent	56%, 71%, 73%
CMY	0.4351, 0.2863, 0.2705
CMYK	0.23, 0.02, 0.00, 0.27
HSL	186°, 23%, 65%
HSV	186°, 23%, 73%
XYZ	37.0992, 42.9304, 52.7996
YIQ	171.0940, -23.9320, -6.8120

Conversions

Conversions Part 2

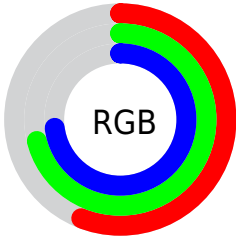
Format	Color
RYB	144, 164, 186
Decimal	9483962
CIELab	71.51, -11.78, -6.25
CIELCh	72, 13.336, 207.959
Yxy	42.9304, 0.2793, 0.3232
Android (android.graphics.Color)	4287674042 (0xFF90B6BA)
YUV	171.0940, 7.3487, -23.7614
Hunter-Lab	65.5213, -13.5927, -1.9133

Details

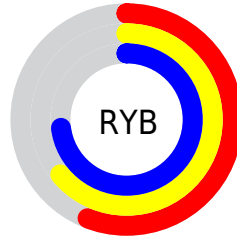
The Yxy color **42.9304, 0.2793, 0.3232** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.6591, 0.3569, 0.3347**, and the grayscale version is **40.7505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7020, 0.2857, 0.3246**, and **19.6693, 0.2692, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **40.6650, 0.2658, 0.3203**, and if you desaturate by 10%, it is **45.4846, 0.2937, 0.3259**.

Distribution



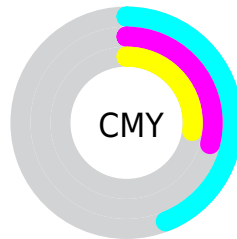
- Red (56%)
- Green (71%)
- Blue (73%)



- Red (56%)
- Yellow (64%)
- Blue (73%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)




- Cyan (44%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9304, 0.2793, 0.3232 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 42.9304, 0.2793, 0.3232 by changing the saturation by 10% instead.


 42.9304, 0.2793,
0.3232


 42.9304, 0.2793,
0.3232


358.3255, 0.2961,
0.3264

 29.8305, 0.2751,
0.3223


 79.6058, 0.2854,
0.3244

 19.7100, 0.2697,
0.3212


 103.9501, 0.2877,
0.3248

 12.1844, 0.2624,
0.3196


132.8114, 0.2896,
0.3252

 6.8694, 0.2523,
0.3171

166.5740, 0.2913,
0.3255

 3.3806, 0.2372,
0.3131

205.6223, 0.2927,
0.3258

 1.3335, 0.2121,
0.3055

250.3407, 0.2940,

 0.1669, 0.0000,

0.3260

0.2124

301.1136, 0.2951,
0.3262

0.0000, 0.0000,
0.0000

42.9304, 0.2793,
0.3232

42.9304, 0.2793,
0.3232

40.6650, 0.2658,
0.3203

45.4846, 0.2937,
0.3259

38.6698, 0.2536,
0.3173

48.3351, 0.3088,
0.3284

36.9316, 0.2429,
0.3141

51.4954, 0.3242,
0.3307

35.4346, 0.2339,
0.3108

54.9767, 0.3398,
0.3327

34.1606, 0.2267,
0.3075

58.7896, 0.3552,
0.3345

■ 33.0890, 0.2215,
0.3042

■ 62.8202, 0.3698,
0.3361

■ 32.1951, 0.2180,
0.3010

■ 63.6135, 0.3693,
0.3380

■ 31.6100, 0.2163,
0.2986

■ 64.4164, 0.3688,
0.3398

■ 65.2288, 0.3683,
0.3417

Harmonies

Analogous

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



42.9304, 0.2910, 0.3411



42.9304, 0.2793, 0.3232



42.9304, 0.2763, 0.3077

Triad

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



42.9304, 0.2793, 0.3232



42.9304, 0.3159, 0.3042



42.9304, 0.3433, 0.3598

Complementary

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



42.9304, 0.2793, 0.3232



33.6591, 0.3569, 0.3347

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.



42.9304, 0.3505, 0.3488



42.9304, 0.2793, 0.3232



42.9304, 0.3344, 0.3171

Square

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



42.9304, 0.2793, 0.3232



42.9304, 0.2969, 0.2974



42.9304, 0.3473, 0.3332



42.9304, 0.3279, 0.3627

Rectangle

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



42.9304, 0.2793, 0.3232



42.9304, 0.2795, 0.3007



42.9304, 0.3473, 0.3332



42.9304, 0.3468, 0.3569

Sweetspot

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



42.9321, 0.2793, 0.3232



85.1670, 0.3019, 0.3273



43.1852, 0.3072, 0.3859



18.6865, 0.3010, 0.3271



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.



42.9321, 0.2793, 0.3232



75.7266, 0.2726, 0.3218



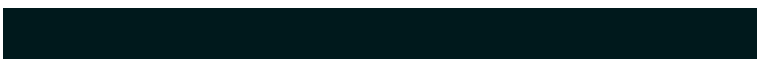
35.1553, 0.2771, 0.2933



10.0592, 0.2985, 0.3267



21.3197, 0.2164, 0.2990



0.7946, 0.2187, 0.3074

Inverse Universe

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



33.7773, 0.3192, 0.2787



56.3578, 0.3207, 0.2677



40.6590, 0.3510, 0.3623



9.1475, 0.3152, 0.3086



8.9346, 0.3463, 0.1681



0.3193, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 42.9304, 0.2793, 0.3232 looks on a white background.

Color Contrast Check

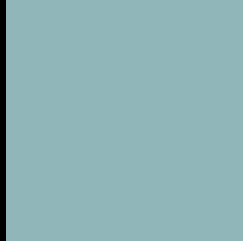
Large Text (above 18pt) WCAG AA × Fail

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 42.9304, 0.2793, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

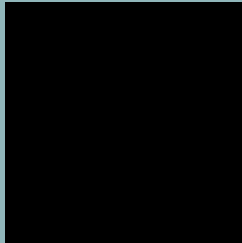
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

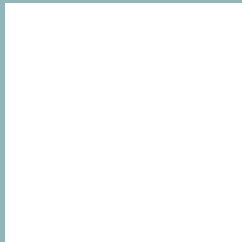
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9304, 0.2793, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 42.9304, 0.2793, 0.3232.



This preview shows how white text looks on a background with the Yxy color 42.9304, 0.2793, 0.3232.

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

42.9304, 0.2793, 0.3232

Protanopia

42.8384, 0.3088, 0.3196

Deuteranopia

42.7379, 0.3103, 0.3044



Tritanopia

43.0989, 0.2745, 0.3095

Trichromacy



Original Color

42.9304, 0.2793, 0.3232

Protanomaly

42.7557, 0.2969, 0.3207

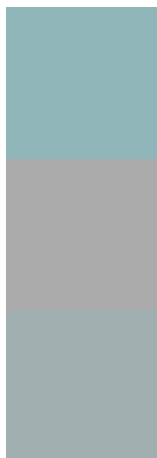
Deuteranomaly

42.4490, 0.2980, 0.3102

Tritanomaly

42.8733, 0.2758, 0.3135

Monochromacy



Original Color

42.9304, 0.2793, 0.3232

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3716, 0.2998, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9304, 0.2793, 0.3232 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(144, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 182, 186)  
}
```

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(144, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 42.9304, 0.2793, 0.3232 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(144, 182, 186) }
```

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

```
.border{ border-color:rgb(144, 182, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 182,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9304, 0.2793, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 182, 186) }
```

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

```
.background{ background-color: rgb(144,  
182, 186) }
```

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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