

Converting Colors

$Yxy(42.1485, 0.2808, 0.3234)$

Have a look what the booklet for
Yxy(42.1485, 0.2808, 0.3234)
contains.

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Color

Yxy(42.0325, 0.2805, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	90B4B8
RGB	144, 180, 184
RGB Percent	56%, 71%, 72%
CMY	0.4351, 0.2941, 0.2784
CMYK	0.22, 0.02, 0.00, 0.28
HSL	186°, 22%, 64%
HSV	186°, 22%, 72%
XYZ	36.4793, 42.0325, 51.5392
YIQ	169.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

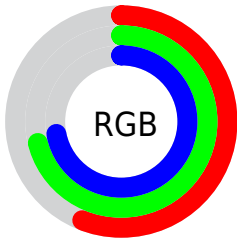
Format	Color
RYB	144, 163, 184
Decimal	9483448
CIELab	70.89, -11.18, -6.05
CIELCh	71, 12.711, 208.430
Yxy	42.0325, 0.2805, 0.3232
Android (android.graphics.Color)	4287673528 (0xFF90B4B8)
YUV	169.6920, 7.0538, -22.5319
Hunter-Lab	64.8325, -13.0202, -1.7505

Details

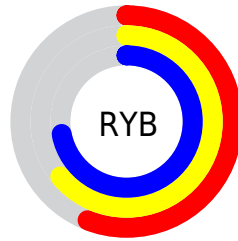
The Yxy color **42.0325, 0.2805, 0.3232** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.3995, 0.3548, 0.3347**, and the grayscale version is **40.0140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2879, 0.2861, 0.3246**, and **19.1446, 0.2715, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **39.7695, 0.2669, 0.3202**, and if you desaturate by 10%, it is **44.5789, 0.2950, 0.3260**.

Distribution



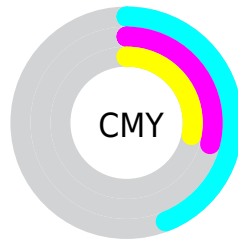
- Red (56%)
- Green (71%)
- Blue (72%)



- Red (56%)
- Yellow (64%)
- Blue (72%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)





- Cyan (44%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0325, 0.2805, 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 42.0325, 0.2805, 0.3232 by changing the saturation by 10% instead.


 42.0325, 0.2805,
0.3232

 42.0325, 0.2805,
0.3232


354.6176, 0.2967,
0.3263

 29.1267, 0.2764,
0.3223


 78.2488, 0.2864,
0.3244

 19.1767, 0.2711,
0.3212


 102.3282, 0.2886,
0.3248

 11.7980, 0.2641,
0.3196


130.9008, 0.2905,
0.3252

 6.6063, 0.2541,
0.3171

164.3512, 0.2921,
0.3255

 3.2171, 0.2391,
0.3131

203.0636, 0.2935,
0.3258

 1.2461, 0.2141,
0.3054

247.4226, 0.2947,

 0.0989, 0.0000,

0.3260

0.1571

297.8125, 0.2958,
0.3262

0.0000, 0.0000,
0.0000

42.0325, 0.2805,
0.3232

42.0325, 0.2805,
0.3232

39.7695, 0.2669,
0.3202

44.5789, 0.2950,
0.3260

37.7717, 0.2546,
0.3170

47.4158, 0.3101,
0.3286

36.0266, 0.2437,
0.3137

50.5563, 0.3255,
0.3309

34.5186, 0.2344,
0.3103

54.0114, 0.3410,
0.3330

33.2304, 0.2271,
0.3069

57.7913, 0.3564,
0.3349

■ 32.1423, 0.2216,
0.3034

■ 61.9058, 0.3715,
0.3366

■ 31.2305, 0.2179,
0.3000

■ 62.8223, 0.3714,
0.3385

■ 30.5701, 0.2159,
0.2972

■ 63.6428, 0.3709,
0.3404

■ 64.4736, 0.3704,
0.3423

Harmonies

Analogous

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



42.0325, 0.2917, 0.3403



42.0325, 0.2805, 0.3232



42.0325, 0.2777, 0.3083

Triad

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



42.0325, 0.2805, 0.3232



42.0325, 0.3161, 0.3053



42.0325, 0.3419, 0.3587

Complementary

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



42.0325, 0.2805, 0.3232



33.3995, 0.3548, 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.



42.0325, 0.3490, 0.3483



42.0325, 0.2805, 0.3232



42.0325, 0.3338, 0.3178

Square

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



42.0325, 0.2805, 0.3232



42.0325, 0.2978, 0.2986



42.0325, 0.3460, 0.3333



42.0325, 0.3270, 0.3613

Rectangle

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



42.0325, 0.2805, 0.3232



42.0325, 0.2809, 0.3017



42.0325, 0.3460, 0.3333



42.0325, 0.3453, 0.3560

Sweetspot

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



42.0342, 0.2805, 0.3232



83.1080, 0.3019, 0.3272



42.3544, 0.3069, 0.3824



17.8514, 0.3010, 0.3271



93.3107, 0.3127, 0.3290



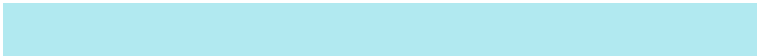
18.7317, 0.3127, 0.3290

Same Dimension

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



42.0342, 0.2805, 0.3232



74.1979, 0.2740, 0.3218



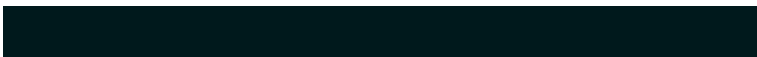
34.5433, 0.2784, 0.2938



10.0525, 0.2985, 0.3266



21.1267, 0.2160, 0.2976



0.7895, 0.2184, 0.3064

Inverse Universe

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



33.4436, 0.3190, 0.2809



55.9756, 0.3206, 0.2703



40.2171, 0.3492, 0.3618



9.1468, 0.3152, 0.3087



8.9151, 0.3475, 0.1688



0.3188, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 42.0325, 0.2805, 0.3232 looks on a white background.

Color Contrast Check

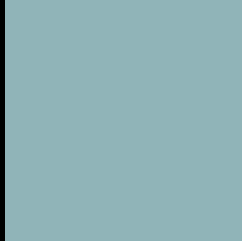
Large Text (above 18pt) WCAG AA × Fail

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 42.0325, 0.2805, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

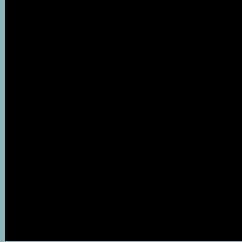
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

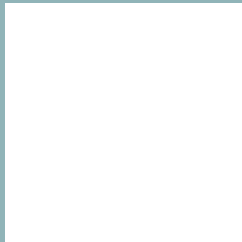
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0325, 0.2805, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 42.0325, 0.2805, 0.3232.



This preview shows how white text looks on a background with the Yxy color 42.0325, 0.2805, 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

42.0325, 0.2805, 0.3232

Protanopia

41.7584, 0.3087, 0.3195

Deuteranopia

41.7408, 0.3120, 0.3055



Tritanopia

42.2014, 0.2756, 0.3094

Trichromacy



Original Color

42.0325, 0.2805, 0.3232

Protanomaly

41.7827, 0.2976, 0.3207

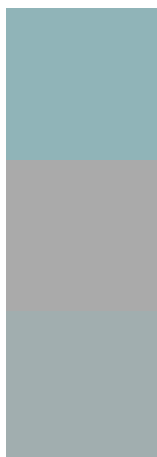
Deuteranomaly

41.4428, 0.2995, 0.3113

Tritanomaly

41.9776, 0.2769, 0.3134

Monochromacy



Original Color

42.0325, 0.2805, 0.3232

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.9443, 0.3006, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0325, 0.2805, 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 180, 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(144, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.0325, 0.2805, 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, 180, 184) }
```

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

```
.border{ border-color:rgb(144, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0325, 0.2805, 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, 180, 184) }
```

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

```
.background{ background-color: rgb(144,  
180, 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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