

Converting Colors

$Yxy(46.2564, 0.2730, 0.3236)$

Have a look what the booklet for
Yxy(46.2564, 0.2730, 0.3236)
contains.

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Color

Yxy(46.3847, 0.2728, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	8DBEC2
RGB	141, 190, 194
RGB Percent	55%, 75%, 76%
CMY	0.4472, 0.2548, 0.2393
CMYK	0.27, 0.02, 0.00, 0.24
HSL	184°, 30%, 66%
HSV	184°, 27%, 76%
XYZ	39.1272, 46.3847, 57.9163
YIQ	175.8050, -30.4880, -9.1440

Conversions

Conversions Part 2

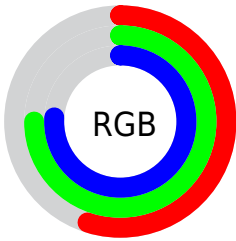
Format	Color
RYB	141, 166, 194
Decimal	9289410
CIELab	73.79, -15.10, -7.23
CIElCh	74, 16.738, 205.591
Yxy	46.3847, 0.2728, 0.3234
Android (android.graphics.Color)	4287479490 (0xFF8DBEC2)
YUV	175.8050, 8.9701, -30.5240
Hunter-Lab	68.1063, -16.6374, -2.7447

Details

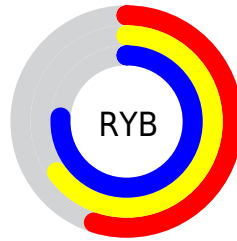
The Yxy color **46.3847, 0.2728, 0.3234** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.6129, 0.3698, 0.3345**, and the grayscale version is **43.2691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5494, 0.2802, 0.3246**, and **21.9086, 0.2625, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **44.2083, 0.2600, 0.3211**, and if you desaturate by 10%, it is **48.8689, 0.2867, 0.3256**.

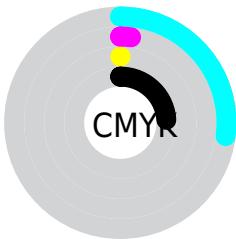
Distribution



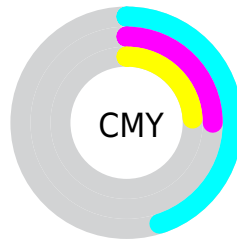
- Red (55%)
- Green (75%)
- Blue (76%)



- Red (55%)
- Yellow (65%)
- Blue (76%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)





- Cyan (45%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3847, 0.2728, 0.3234 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 46.3847, 0.2728, 0.3234 by changing the saturation by 10% instead.


 46.3847, 0.2728,
0.3234


 46.3847, 0.2728,
0.3234

372.3531, 0.2925,
0.3265


 32.5495, 0.2679,
0.3225


 84.7944, 0.2799,
0.3246

 21.7816, 0.2617,
0.3214


 110.1378, 0.2826,
0.3250

 13.6965, 0.2536,
0.3198


 140.0859, 0.2849,
0.3254

 7.9099, 0.2423,
0.3173

175.0233, 0.2869,
0.3257

 4.0373, 0.2259,
0.3133

215.3344, 0.2886,
0.3259

 1.6945, 0.1998,
0.3059

261.4034, 0.2900,

 0.4201, 0.0217,

0.3261

0.2971

313.6149, 0.2914,
0.3263

0.0000, 0.0000,
0.0000

46.3847, 0.2728,
0.3234

46.3847, 0.2728,
0.3234

44.2083, 0.2600,
0.3211

48.8689, 0.2867,
0.3256

42.3185, 0.2487,
0.3187

51.6696, 0.3015,
0.3276

40.7002, 0.2390,
0.3162

54.8022, 0.3168,
0.3295

39.3346, 0.2312,
0.3136

58.2795, 0.3325,
0.3312

38.2005, 0.2252,
0.3111

62.1134, 0.3482,
0.3327

■ 37.2731, 0.2211,
0.3086

■ 65.8689, 0.3618,
0.3341

■ 36.5175, 0.2187,
0.3061

■ 66.5378, 0.3614,
0.3355

■ 36.3286, 0.2182,
0.3054

■ 67.2131, 0.3611,
0.3370

■ 67.8948, 0.3607,
0.3385

Harmonies

Analogous

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



46.3847, 0.2877, 0.3455



46.3847, 0.2728, 0.3234



46.3847, 0.2683, 0.3040

Triad

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



46.3847, 0.2728, 0.3234



46.3847, 0.3146, 0.2979



46.3847, 0.3512, 0.3659

Complementary

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



46.3847, 0.2728, 0.3234



33.6129, 0.3698, 0.3345

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.



46.3847, 0.3592, 0.3515



46.3847, 0.2728, 0.3234



46.3847, 0.3377, 0.3130

Square

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



46.3847, 0.2728, 0.3234



46.3847, 0.2917, 0.2903



46.3847, 0.3543, 0.3323



46.3847, 0.3328, 0.3706

Rectangle

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



46.3847, 0.2728, 0.3234



46.3847, 0.2716, 0.2952



46.3847, 0.3543, 0.3323



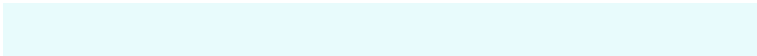
46.3847, 0.3552, 0.3619

Sweetspot

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



46.3866, 0.2728, 0.3234



93.2126, 0.3003, 0.3275



46.2611, 0.3066, 0.4014



20.2354, 0.2980, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.3866, 0.2728, 0.3234



81.5561, 0.2647, 0.3220



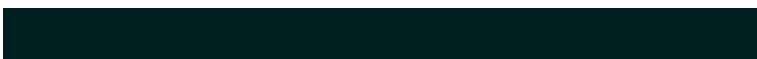
36.0787, 0.2691, 0.2858



11.2954, 0.2984, 0.3272



23.9439, 0.2183, 0.3057



1.0736, 0.2198, 0.3113

Inverse Universe

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



34.2207, 0.3196, 0.2664



55.8758, 0.3214, 0.2523



42.5142, 0.3608, 0.3687



10.2341, 0.3149, 0.3080



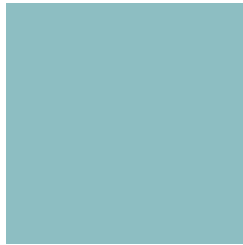
9.6994, 0.3404, 0.1649



0.4230, 0.3356, 0.1622

Previews

White Background



This preview shows how the Yxy color 46.3847, 0.2728, 0.3234 looks on a white background.

Color Contrast Check

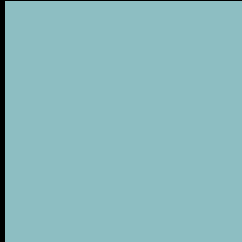
Large Text (above 18pt) WCAG AA × Fail

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 46.3847, 0.2728, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

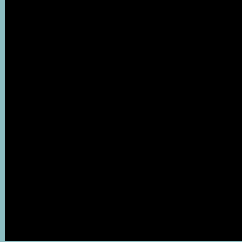
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

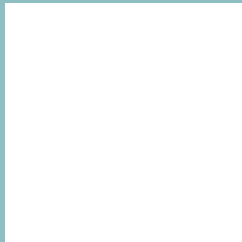
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.3847, 0.2728, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 46.3847, 0.2728, 0.3234.



This preview shows how white text looks on a background with the Yxy color 46.3847, 0.2728, 0.3234.

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

46.3847, 0.2728, 0.3234

Protanopia

46.2184, 0.3081, 0.3186

Deuteranopia

46.1583, 0.3088, 0.3027



Tritanopia

46.5945, 0.2677, 0.3086

Trichromacy



Original Color

46.3847, 0.2728, 0.3234

Protanomaly

46.2142, 0.2943, 0.3210

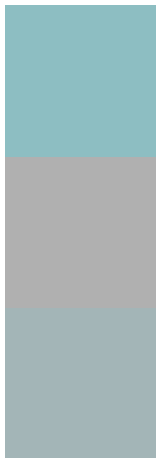
Deuteranomaly

45.9175, 0.2946, 0.3094

Tritanomaly

46.3161, 0.2695, 0.3138

Monochromacy



Original Color

46.3847, 0.2728, 0.3234

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.2532, 0.2962, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3847, 0.2728, 0.3234 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(141, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(141, 190, 194)  
}
```

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(141, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 46.3847, 0.2728, 0.3234 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(141, 190, 194) }
```

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

```
.border{ border-color:rgb(141, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(141, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3847, 0.2728, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 190, 194) }
```

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

```
.background{ background-color: rgb(141,  
190, 194) }
```

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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