

Converting Colors

$Y_{xy}(40.7494, 0.2866, 0.3289)$

Have a look what the booklet for
Yxy(40.7494, 0.2866, 0.3289)
contains.

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Color

Yxy(40.7296, 0.2868, 0.3289)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 92B1B1 |
| RGB | 146, 177, 177 |
| RGB Percent | 57%, 69%, 69% |
| CMY | 0.4273, 0.3059, 0.3058 |
| CMYK | 0.18, 0.00, 0.00, 0.31 |
| HSL | 180°, 17%, 63% |
| HSV | 180°, 18%, 69% |
| XYZ | 35.5161, 40.7296, 47.5901 |
| YIQ | 167.7310, -18.4760, -6.5720 |

Conversions

Conversions Part 2

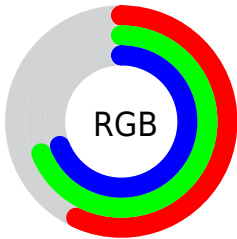
| Format | Color |
|-------------------------------------|---|
| RYB | 146, 162, 177 |
| Decimal | 9613745 |
| CIELab | 69.99, -10.49, -3.53 |
| CIElCh | 70, 11.072, 198.584 |
| Yxy | 40.7296, 0.2868, 0.3289 |
| Android (android.graphics.Color) | 4287803825 (0xFF92B1B1) |
| YUV | 167.7310, 4.5696, -19.0581 |
| Hunter-Lab | 63.8197, -12.3481, 0.4615 |

Details

The Yxy color **40.7296, 0.2868, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.9951, 0.3457, 0.3291**, and the grayscale version is **39.0064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4404, 0.2912, 0.3289**, and **18.3034, 0.2797, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **39.2290, 0.2733, 0.3289**, and if you desaturate by 10%, it is **42.4848, 0.3013, 0.3290**.

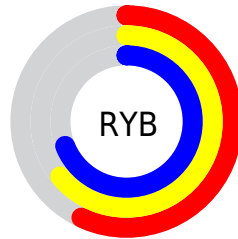
Distribution



Red (57%)

Green (69%)

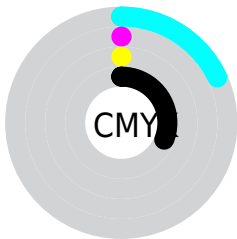
Blue (69%)



Red (57%)

Yellow (64%)

Blue (69%)

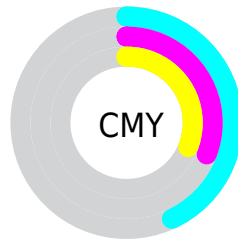


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (43%)


Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7296, 0.2868, 0.3289 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 40.7296, 0.2868, 0.3289 by changing the saturation by 10% instead.


 40.7296, 0.2868,
0.3289


 40.7296, 0.2868,
0.3289


349.1892, 0.3000,
0.3291

 28.1079, 0.2834,
0.3288


 76.2732, 0.2916,
0.3290

 18.4070, 0.2791,
0.3287

 99.9639, 0.2934,
0.3290

 11.2426, 0.2732,
0.3285

128.1131, 0.2950,
0.3290

 6.2302, 0.2649,
0.3281

161.1051, 0.2963,
0.3290

 2.9856, 0.2521,
0.3273

199.3243, 0.2974,
0.3291

 1.1242, 0.2299,
0.3253

243.1551, 0.2983,

 0.0000, 0.0000,

0.3291

0.0000

292.9819, 0.2992,
0.3291

■ 40.7296, 0.2868,
0.3289

■ 40.7296, 0.2868,
0.3289

■ 39.2290, 0.2733,
0.3289

■ 42.4848, 0.3013,
0.3290

■ 37.9664, 0.2612,
0.3288

■ 44.5002, 0.3166,
0.3290

■ 36.9310, 0.2507,
0.3288

■ 46.7877, 0.3323,
0.3291

■ 36.1094, 0.2419,
0.3287

■ 49.3570, 0.3483,
0.3291

■ 35.4865, 0.2350,
0.3287

■ 52.2172, 0.3642,
0.3292

■ 35.0454, 0.2299,
0.3286

■ 55.3769, 0.3799,
0.3292

■ 34.7665, 0.2267,
0.3286

■ 55.9011, 0.3823,
0.3293

■ 34.6198, 0.2250,
0.3286

■ 55.9045, 0.3823,
0.3293

■ 34.5904, 0.2246,
0.3286

■ 55.9078, 0.3823,
0.3293

Harmonies

Analogous

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



40.7296, 0.2987, 0.3436



40.7296, 0.2868, 0.3289



40.7296, 0.2817, 0.3147

Triad

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



40.7296, 0.2868, 0.3289



40.7296, 0.3103, 0.3054



40.7296, 0.3413, 0.3528

Complementary

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



40.7296, 0.2868, 0.3289



31.9951, 0.3457, 0.3291

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.



40.7296, 0.3447, 0.3420



40.7296, 0.2868, 0.3289



40.7296, 0.3265, 0.3150

Square

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



40.7296, 0.2868, 0.3289



40.7296, 0.2950, 0.3017



40.7296, 0.3393, 0.3283



40.7296, 0.3302, 0.3575

Rectangle

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



40.7296, 0.2868, 0.3289



40.7296, 0.2828, 0.3075



40.7296, 0.3393, 0.3283



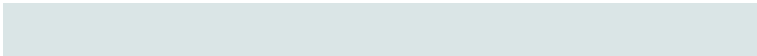
40.7296, 0.3434, 0.3498

Sweetspot

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



40.7313, 0.2868, 0.3289



76.9071, 0.3049, 0.3290



39.6385, 0.3105, 0.3756



16.6155, 0.3039, 0.3290



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.7313, 0.2868, 0.3289



71.8488, 0.2815, 0.3289



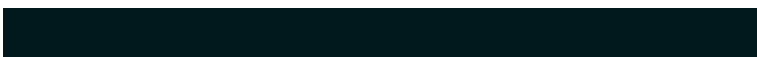
34.9598, 0.2857, 0.3061



9.6309, 0.2986, 0.3289



25.0586, 0.2246, 0.3286



0.7887, 0.2246, 0.3286

Inverse Universe

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



33.0886, 0.3147, 0.2865



55.5961, 0.3152, 0.2770



37.0962, 0.3421, 0.3509



8.6467, 0.3138, 0.3066



9.0698, 0.3210, 0.1542



0.2854, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 40.7296, 0.2868, 0.3289 looks on a white background.

Color Contrast Check

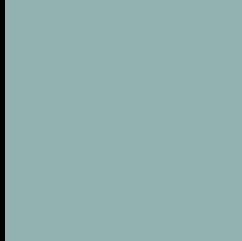
Large Text (above 18pt) WCAG AA × Fail

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 40.7296, 0.2868, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

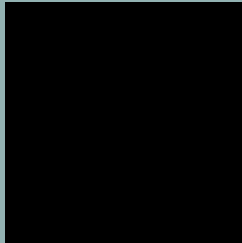
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

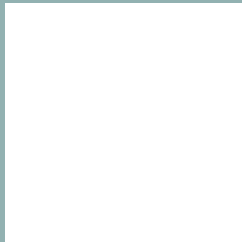
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7296, 0.2868, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 40.7296, 0.2868, 0.3289.

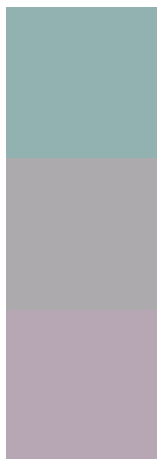


This preview shows how white text looks on a background with the Yxy color 40.7296, 0.2868, 0.3289.

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

40.7296, 0.2868, 0.3289

Protanopia

40.6508, 0.3129, 0.3249

Deuteranopia

40.5944, 0.3172, 0.3118



Tritanopia

40.6300, 0.2795, 0.3092

Trichromacy



Original Color

40.7296, 0.2868, 0.3289

Protanomaly

40.7297, 0.3031, 0.3276

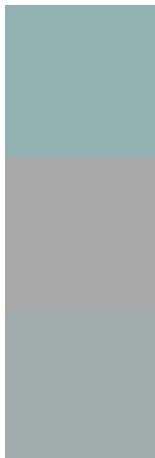
Deuteranomaly

40.5099, 0.3061, 0.3180

Tritanomaly

40.7565, 0.2817, 0.3161

Monochromacy



Original Color

40.7296, 0.2868, 0.3289

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5397, 0.3029, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7296, 0.2868, 0.3289 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(146, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(146, 177, 177)  
}
```

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(146, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 177, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.7296, 0.2868, 0.3289 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(146, 177, 177) }
```

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

```
.border{ border-color:rgb(146, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(146, 177,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7296, 0.2868, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 177, 177) }
```

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

```
.background{ background-color: rgb(146,  
177, 177) }
```

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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