

Converting Colors

$Y_{xy}(40.3048, 0.2743, 0.3172)$

Have a look what the booklet for
Yxy(40.3048, 0.2743, 0.3172)
contains.

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Color

Yxy(40.2654, 0.2742, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	89B1B9
RGB	137, 177, 185
RGB Percent	54%, 69%, 73%
CMY	0.4627, 0.3059, 0.2745
CMYK	0.26, 0.04, 0.00, 0.27
HSL	190°, 26%, 63%
HSV	190°, 26%, 73%
XYZ	34.7960, 40.2654, 51.8387
YIQ	165.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

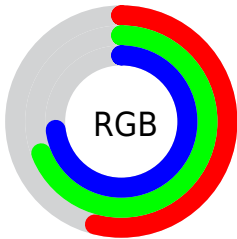
Format	Color
R_{YB}	137, 159, 185
Decimal	9023929
CIE _{Lab}	69.66, -11.53, -8.48
CIE _{LCh}	70, 14.315, 216.338
Yxy	40.2654, 0.2742, 0.3173
Android (android.graphics.Color)	4287214009 (0xFF89B1B9)
YUV	165.9520, 9.3907, -25.3909
Hunter-Lab	63.4550, -13.1646, -4.0176

Details

The Yxy color **40.2654, 0.2742, 0.3173** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.3733, 0.3643, 0.3404**, and the grayscale version is **38.0732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7051, 0.2812, 0.3201**, and **18.0597, 0.2632, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **37.6306, 0.2606, 0.3121**, and if you desaturate by 10%, it is **43.1990, 0.2887, 0.3221**.

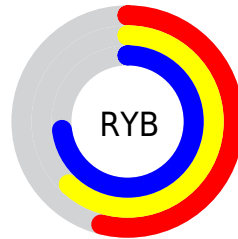
Distribution



Red (54%)

Green (69%)

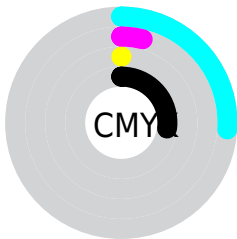
Blue (73%)



Red (54%)

Yellow (62%)

Blue (73%)

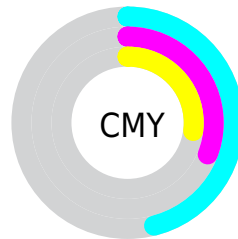


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (46%)


Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2654, 0.2742, 0.3173 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 40.2654, 0.2742, 0.3173 by changing the saturation by 10% instead.


 40.2654, 0.2742,
0.3173


 40.2654, 0.2742,
0.3173


347.2409, 0.2937,
0.3236


 27.7455, 0.2693,
0.3156


 75.5675, 0.2813,
0.3197

 18.1339, 0.2629,
0.3133


 99.1185, 0.2840,
0.3205

 11.0462, 0.2543,
0.3102


 127.1153, 0.2862,
0.3213

 6.0979, 0.2423,
0.3055

159.9424, 0.2882,
0.3219

 2.9047, 0.2241,
0.2979

197.9841, 0.2898,
0.3224

 1.0822, 0.1928,
0.2839

241.6248, 0.2913,

 0.0000, 0.0000,

0.3228

0.0000

291.2490, 0.2926,
0.3232

■ 40.2654, 0.2742,
0.3173

■ 40.2654, 0.2742,
0.3173

■ 37.6306, 0.2606,
0.3121

■ 43.1990, 0.2887,
0.3221

■ 35.2760, 0.2482,
0.3067

■ 46.4395, 0.3037,
0.3266

■ 33.1880, 0.2372,
0.3010

■ 50.0006, 0.3189,
0.3306

■ 31.3502, 0.2278,
0.2951

■ 53.8936, 0.3342,
0.3342

■ 29.7437, 0.2204,
0.2892

■ 58.1293, 0.3493,
0.3375

■ 28.3471, 0.2148,
0.2832

■ 62.7180, 0.3641,
0.3403

■ 27.1326, 0.2110,
0.2774

■ 65.4214, 0.3690,
0.3433

■ 26.6688, 0.2097,
0.2750

■ 66.8512, 0.3682,
0.3465

■ 68.3099, 0.3673,
0.3496

Harmonies

Analogous

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



40.2654, 0.2845, 0.3368



40.2654, 0.2742, 0.3173



40.2654, 0.2738, 0.3019

Triad

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



40.2654, 0.2742, 0.3173



40.2654, 0.3221, 0.3052



40.2654, 0.3422, 0.3647

Complementary

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



40.2654, 0.2742, 0.3173



32.3733, 0.3643, 0.3404

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.



40.2654, 0.3531, 0.3547



40.2654, 0.2742, 0.3173



40.2654, 0.3414, 0.3206

Square

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



40.2654, 0.2742, 0.3173



40.2654, 0.3009, 0.2957



40.2654, 0.3528, 0.3385



40.2654, 0.3236, 0.3650

Rectangle

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



40.2654, 0.2742, 0.3173



40.2654, 0.2791, 0.2959



40.2654, 0.3528, 0.3385



40.2654, 0.3469, 0.3623

Sweetspot

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



40.2670, 0.2742, 0.3173



81.8522, 0.3003, 0.3256



42.0628, 0.3034, 0.3894



17.4542, 0.2981, 0.3250



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.



40.2670, 0.2742, 0.3173



69.4248, 0.2665, 0.3145



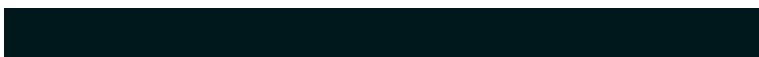
31.6053, 0.2709, 0.2810



9.9489, 0.2985, 0.3251



18.2497, 0.2099, 0.2757



0.7118, 0.2141, 0.2909

Inverse Universe

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



31.3816, 0.3237, 0.2753



51.0884, 0.3265, 0.2636



40.4985, 0.3563, 0.3727



9.1363, 0.3162, 0.3102



8.6246, 0.3674, 0.1798



0.3110, 0.3536, 0.1721

Previews

White Background



This preview shows how the Yxy color 40.2654, 0.2742, 0.3173 looks on a white background.

Color Contrast Check

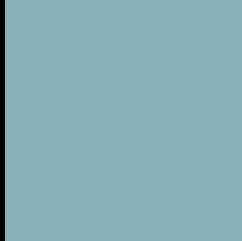
Large Text (above 18pt) WCAG AA × Fail

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 40.2654, 0.2742, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

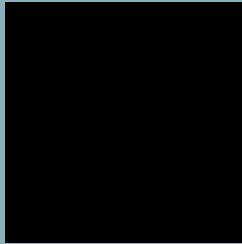
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

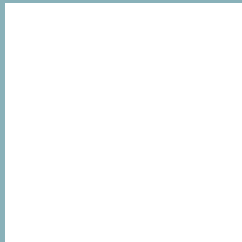
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.2654, 0.2742, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 40.2654, 0.2742, 0.3173.



This preview shows how white text looks on a background with the Yxy color 40.2654, 0.2742, 0.3173.

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

40.2654, 0.2742, 0.3173

Protanopia

40.2173, 0.3045, 0.3139

Deuteranopia

39.9631, 0.3059, 0.2997



Tritanopia

40.1716, 0.2714, 0.3088

Trichromacy



Original Color

40.2654, 0.2742, 0.3173

Protanomaly

40.1515, 0.2925, 0.3149

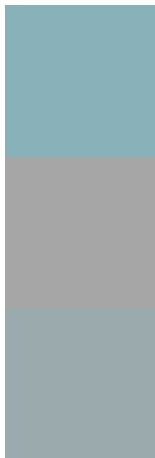
Deuteranomaly

39.7076, 0.2936, 0.3055

Tritanomaly

40.0848, 0.2727, 0.3116

Monochromacy



Original Color

40.2654, 0.2742, 0.3173

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.7351, 0.2970, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2654, 0.2742, 0.3173 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(137, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(137, 177, 185)  
}
```

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(137, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 177, 185) }
```

Border

The CSS property to change the border of an element to Yxy 40.2654, 0.2742, 0.3173 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(137, 177, 185) }
```

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

```
.border{ border-color:rgb(137, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(137, 177,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2654, 0.2742, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 177, 185) }
```

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

```
.background{ background-color: rgb(137,  
177, 185) }
```

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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