

Converting Colors

$Y_{xy}(40.0320, 0.2560, 0.3200)$

Have a look what the booklet for
Yxy(40.0320, 0.2560, 0.3200)
contains.

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Color

Yxy(40.0151, 0.2562, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	6FB5BB
RGB	111, 181, 187
RGB Percent	44%, 71%, 73%
CMY	0.5644, 0.2902, 0.2666
CMYK	0.41, 0.03, 0.00, 0.27
HSL	185°, 36%, 58%
HSV	185°, 41%, 73%
XYZ	32.0571, 40.0151, 53.0532
YIQ	160.7540, -43.6460, -12.9740

Conversions

Conversions Part 2

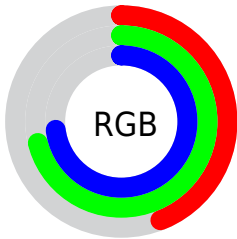
Format	Color
R _Y B	111, 147, 187
Decimal	7321019
CIE Lab	69.48, -20.41, -10.00
CIE LCh	69, 22.725, 206.104
Yxy	40.0151, 0.2562, 0.3198
Android (android.graphics.Color)	4285511099 (0xFF6FB5BB)
YUV	160.7540, 12.9393, -43.6343
Hunter-Lab	63.2575, -20.2418, -5.4454

Details

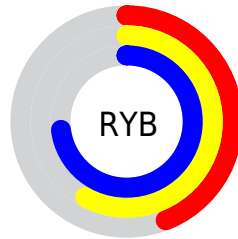
The Yxy color **40.0151, 0.2562, 0.3198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **24.4620, 0.4107, 0.3378**, and the grayscale version is **35.4836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1464, 0.2665, 0.3220**, and **18.0003, 0.2397, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **38.3270, 0.2453, 0.3172**, and if you desaturate by 10%, it is **41.9668, 0.2685, 0.3223**.

Distribution



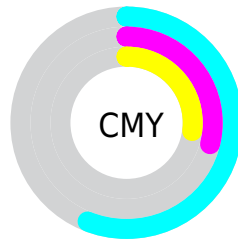
- Red (44%)
- Green (71%)
- Blue (73%)



- Red (44%)
- Yellow (58%)
- Blue (73%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (56%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0151, 0.2562, 0.3198 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 40.0151, 0.2562, 0.3198 by changing the saturation by 10% instead.


 40.0151, 0.2562,
0.3198

 40.0151, 0.2562,
0.3198


346.1872, 0.2847,
0.3251

 27.5503, 0.2491,
0.3182


 75.1865, 0.2666,
0.3219

 17.9870, 0.2399,
0.3161


 98.6619, 0.2705,
0.3226

 10.9406, 0.2277,
0.3130


 126.5763, 0.2737,
0.3232

 6.0269, 0.2107,
0.3082

159.3141, 0.2766,
0.3237

 2.8615, 0.1856,
0.3000

197.2597, 0.2790,
0.3242

 1.0598, 0.1352,
0.2869

240.7975, 0.2811,

 0.0000, 0.0000,

0.3245

0.0000

290.3119, 0.2830,
0.3248

■ 40.0151, 0.2562,
0.3198

■ 40.0151, 0.2562,
0.3198

■ 38.3270, 0.2453,
0.3172

■ 41.9668, 0.2685,
0.3223

■ 36.8817, 0.2362,
0.3145

■ 44.1919, 0.2821,
0.3247

■ 35.6631, 0.2289,
0.3118


■ 46.7056, 0.2966,
0.3269


■ 34.6509, 0.2235,
0.3091


■ 49.5204, 0.3118,
0.3289

■ 33.8210, 0.2199,
0.3065


■ 52.6482, 0.3273,
0.3307

 33.1625, 0.2178,
0.3040

 56.1001, 0.3429,
0.3324

 59.8869, 0.3584,
0.3339

 62.9234, 0.3690,
0.3353

 63.5817, 0.3686,
0.3368

Harmonies

Analogous

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



40.0151, 0.2766, 0.3520



40.0151, 0.2562, 0.3198



40.0151, 0.2503, 0.2925

Triad

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



40.0151, 0.2562, 0.3198



40.0151, 0.3156, 0.2858



40.0151, 0.3671, 0.3814

Complementary

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



40.0151, 0.2562, 0.3198



24.4620, 0.4107, 0.3378

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.



40.0151, 0.3792, 0.3605



40.0151, 0.2562, 0.3198



40.0151, 0.3487, 0.3067

Square

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



40.0151, 0.2562, 0.3198



40.0151, 0.2832, 0.2750



40.0151, 0.3725, 0.3334



40.0151, 0.3403, 0.3889

Rectangle

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



40.0151, 0.2562, 0.3198



40.0151, 0.2550, 0.2806



40.0151, 0.3725, 0.3334



40.0151, 0.3730, 0.3756

Sweetspot

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



40.0167, 0.2562, 0.3198



82.8866, 0.2943, 0.3265



40.1943, 0.3036, 0.4438



18.1191, 0.2923, 0.3262



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.



40.0167, 0.2562, 0.3198



68.8630, 0.2462, 0.3174



26.9147, 0.2469, 0.2606



10.6765, 0.2985, 0.3271



22.8954, 0.2179, 0.3043



0.9356, 0.2196, 0.3107

Inverse Universe

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



25.2885, 0.3239, 0.2373



39.0975, 0.3269, 0.2183



34.8625, 0.3893, 0.3884



9.6829, 0.3149, 0.3081



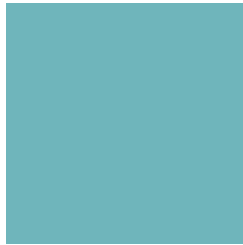
9.3410, 0.3416, 0.1656



0.3698, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 40.0151, 0.2562, 0.3198 looks on a white background.

Color Contrast Check

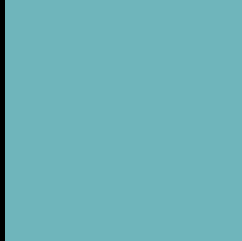
Large Text (above 18pt) WCAG AA × Fail

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 40.0151, 0.2562, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

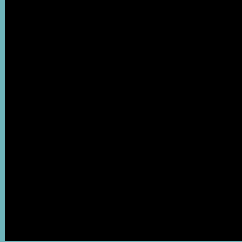
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0151, 0.2562, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 40.0151, 0.2562, 0.3198.

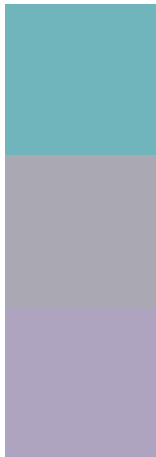


This preview shows how white text looks on a background with the Yxy color 40.0151, 0.2562, 0.3198.

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

40.0151, 0.2562, 0.3198

Protanopia

39.6950, 0.3044, 0.3139

Deuteranopia

39.4265, 0.2999, 0.2930



Tritanopia

40.0483, 0.2529, 0.3082

Trichromacy



Original Color

40.0151, 0.2562, 0.3198

Protanomaly

39.5604, 0.2844, 0.3160

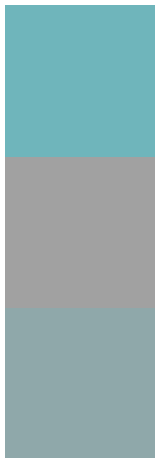
Deuteranomaly

39.1426, 0.2815, 0.3009

Tritanomaly

39.8488, 0.2541, 0.3125

Monochromacy



Original Color

40.0151, 0.2562, 0.3198

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.7472, 0.2890, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0151, 0.2562, 0.3198 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(111, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(111, 181, 187)  
}
```

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(111, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 181, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.0151, 0.2562, 0.3198 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(111, 181, 187) }
```

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

```
.border{ border-color:rgb(111, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(111, 181,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0151, 0.2562, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 181, 187) }
```

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

```
.background{ background-color: rgb(111,  
181, 187) }
```

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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