

Converting Colors

$Yxy(40.5477, 0.2655, 0.3200)$

Have a look what the booklet for
Yxy(40.5477, 0.2655, 0.3200)
contains.

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Color

Yxy(40.5477, 0.2655, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	7DB4BA
RGB	125, 180, 186
RGB Percent	49%, 71%, 73%
CMY	0.5099, 0.2941, 0.2705
CMYK	0.33, 0.03, 0.00, 0.27
HSL	186°, 31%, 61%
HSV	186°, 33%, 73%
XYZ	33.6419, 40.5477, 52.5219
YIQ	164.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

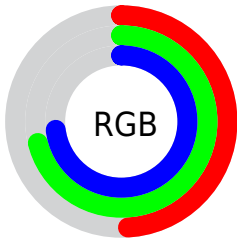
Format	Color
RYB	125, 154, 186
Decimal	8238266
CIELab	69.86, -16.39, -8.82
CIELCh	70, 18.614, 208.288
Yxy	40.5477, 0.2655, 0.3200
Android (android.graphics.Color)	4286428346 (0xFF7DB4BA)
YUV	164.2390, 10.7282, -34.4126
Hunter-Lab	63.6771, -17.1296, -4.3295

Details

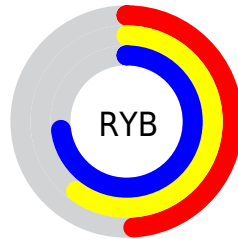
The Yxy color $40.5477, 0.2655, 0.3200$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $28.1575, 0.3847, 0.3377$, and the grayscale version is $37.2043, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1050, 0.2745, 0.3222$, and $18.2887, 0.2520, 0.3163$ is the 20% darker color. If you saturate the color by 10%, you get $38.5419, 0.2533, 0.3169$, and if you desaturate by 10%, it is $42.8287, 0.2790, 0.3230$.

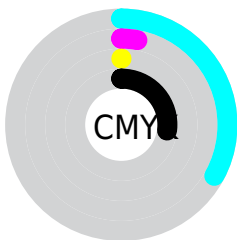
Distribution



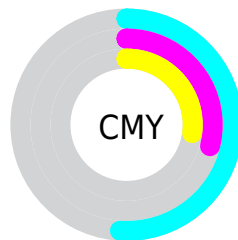
- Red (49%)
- Green (71%)
- Blue (73%)



- Red (49%)
- Yellow (60%)
- Blue (73%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)




- Cyan (51%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5477, 0.2655, 0.3200 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 40.5477, 0.2655, 0.3200 by changing the saturation by 10% instead.


 40.5477, 0.2655,
0.3200


 40.5477, 0.2655,
0.3200


348.4267, 0.2893,
0.3250

 27.9658, 0.2595,
0.3186


 75.9968, 0.2742,
0.3219

 18.2999, 0.2518,
0.3167


 99.6328, 0.2774,
0.3226

 11.1655, 0.2415,
0.3139


 127.7224, 0.2802,
0.3232

 6.1783, 0.2271,
0.3097

160.6499, 0.2825,
0.3237

 2.9538, 0.2055,
0.3027

198.7996, 0.2846,
0.3241

 1.1077, 0.1669,
0.2901

242.5561, 0.2863,

 0.0000, 0.0000,

0.3244

0.0000

292.3036, 0.2879,
0.3247

■ 40.5477, 0.2655,
0.3200

■ 40.5477, 0.2655,
0.3200

■ 38.5419, 0.2533,
0.3169

■ 42.8287, 0.2790,
0.3230

■ 36.7918, 0.2426,
0.3136

■ 45.3937, 0.2934,
0.3258

■ 35.2828, 0.2336,
0.3102

■ 48.2569, 0.3084,
0.3283

■ 33.9969, 0.2264,
0.3068

■ 51.4302, 0.3238,
0.3307

■ 32.9134, 0.2212,
0.3035

■ 54.9247, 0.3394,
0.3328

■ 32.0074, 0.2177,
0.3001

■ 58.7511, 0.3548,
0.3346

■ 31.4307, 0.2160,
0.2977

■ 62.8809, 0.3698,
0.3363

■ 63.6966, 0.3693,
0.3382

■ 64.5225, 0.3688,
0.3401

Harmonies

Analogous

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



40.5477, 0.2817, 0.3459



40.5477, 0.2655, 0.3200



40.5477, 0.2615, 0.2981

Triad

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



40.5477, 0.2655, 0.3200



40.5477, 0.3173, 0.2944



40.5477, 0.3559, 0.3728

Complementary

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



40.5477, 0.2655, 0.3200



28.1575, 0.3847, 0.3377

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.



40.5477, 0.3667, 0.3567



40.5477, 0.2655, 0.3200



40.5477, 0.3439, 0.3123

Square

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



40.5477, 0.2655, 0.3200



40.5477, 0.2904, 0.2847



40.5477, 0.3623, 0.3347



40.5477, 0.3336, 0.3774

Rectangle

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



40.5477, 0.2655, 0.3200



40.5477, 0.2660, 0.2887



40.5477, 0.3623, 0.3347



40.5477, 0.3610, 0.3685

Sweetspot

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



40.5493, 0.2655, 0.3200



83.5728, 0.2973, 0.3265



41.1016, 0.3047, 0.4166



18.2480, 0.2952, 0.3261



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.



40.5493, 0.2655, 0.3200



70.9378, 0.2570, 0.3179



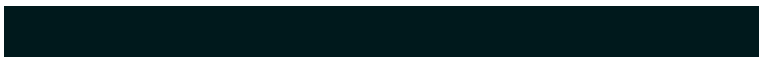
29.8519, 0.2599, 0.2742



10.0551, 0.2985, 0.3267



21.2005, 0.2162, 0.2982



0.7915, 0.2186, 0.3068

Inverse Universe

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



28.4014, 0.3228, 0.2559



45.9091, 0.3252, 0.2410



37.2704, 0.3717, 0.3781



9.1471, 0.3152, 0.3087



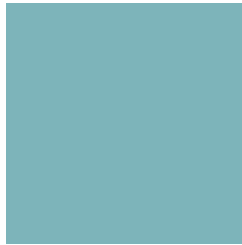
8.9225, 0.3470, 0.1685



0.3190, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 40.5477, 0.2655, 0.3200 looks on a white background.

Color Contrast Check

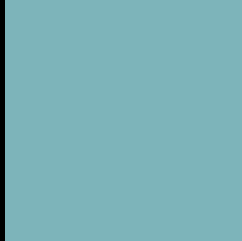
Large Text (above 18pt) WCAG AA × Fail

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 40.5477, 0.2655, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

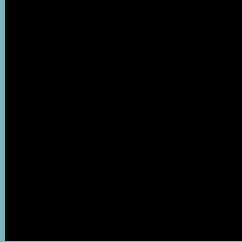
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5477, 0.2655, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 40.5477, 0.2655, 0.3200.



This preview shows how white text looks on a background with the Yxy color 40.5477, 0.2655, 0.3200.

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

40.5477, 0.2655, 0.3200

Protanopia

40.1767, 0.3053, 0.3153

Deuteranopia

40.0494, 0.3042, 0.2972



Tritanopia

40.6025, 0.2622, 0.3086

Trichromacy



Original Color

40.5477, 0.2655, 0.3200

Protanomaly

40.1346, 0.2893, 0.3162

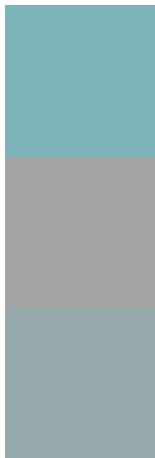
Deuteranomaly

39.7512, 0.2887, 0.3040

Tritanomaly

40.3935, 0.2634, 0.3128

Monochromacy



Original Color

40.5477, 0.2655, 0.3200

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2120, 0.2935, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5477, 0.2655, 0.3200 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(125, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 180, 186)  
}
```

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(125, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 40.5477, 0.2655, 0.3200 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(125, 180, 186) }
```

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

```
.border{ border-color:rgb(125, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5477, 0.2655, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 180, 186) }
```

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

```
.background{ background-color: rgb(125,  
180, 186) }
```

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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