

Converting Colors

$Y_{xy}(40.6840, 0.2609, 0.3270)$

Have a look what the booklet for
Yxy(40.6840, 0.2609, 0.3270)
contains.

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Color

Yxy(40.5614, 0.2607, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	73B6B8
RGB	115, 182, 184
RGB Percent	45%, 71%, 72%
CMY	0.5490, 0.2862, 0.2785
CMYK	0.37, 0.01, 0.00, 0.28
HSL	182°, 33%, 59%
HSV	182°, 37%, 72%
XYZ	32.4466, 40.5614, 51.4516
YIQ	162.1950, -40.5740, -13.5820

Conversions

Conversions Part 2

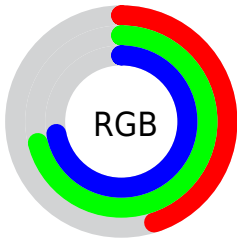
Format	Color
R _Y B	115, 149, 184
Decimal	7583416
CIE Lab	69.87, -20.67, -7.73
CIE LCh	70, 22.071, 200.507
Yxy	40.5614, 0.2607, 0.3259
Android (android.graphics.Color)	4285773496 (0xFF73B6B8)
YUV	162.1950, 10.7499, -41.3900
Hunter-Lab	63.6878, -20.5145, -3.3173

Details

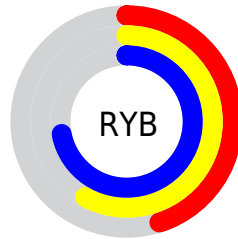
The Yxy color **40.5614, 0.2607, 0.3259** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **24.1379, 0.4019, 0.3321**, and the grayscale version is **36.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9864, 0.2703, 0.3266**, and **18.3313, 0.2456, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **39.2234, 0.2499, 0.3250**, and if you desaturate by 10%, it is **42.1523, 0.2731, 0.3268**.

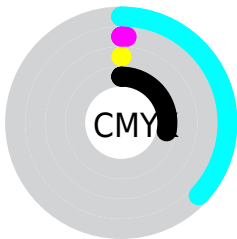
Distribution



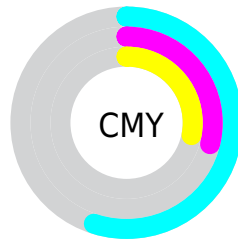
- Red (45%)
- Green (71%)
- Blue (72%)



- Red (45%)
- Yellow (58%)
- Blue (72%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)





- Cyan (55%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5614, 0.2607, 0.3259 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 40.5614, 0.2607, 0.3259 by changing the saturation by 10% instead.


 40.5614, 0.2607,
0.3259


 40.5614, 0.2607,
0.3259


348.4841, 0.2869,
0.3280


 27.9765, 0.2541,
0.3252


 76.0176, 0.2703,
0.3268

 18.3080, 0.2456,
0.3242


 99.6578, 0.2738,
0.3271

 11.1713, 0.2343,
0.3227


 127.7518, 0.2769,
0.3273

 6.1822, 0.2185,
0.3202

160.6842, 0.2795,
0.3275

 2.9562, 0.1950,
0.3156

198.8392, 0.2817,
0.3276

 1.1089, 0.1485,
0.3086

242.6012, 0.2837,

 0.0000, 0.0000,

0.3278

0.0000

292.3548, 0.2854,
0.3279

■ 40.5614, 0.2607,
0.3259

■ 40.5614, 0.2607,
0.3259

■ 39.2234, 0.2499,
0.3250

■ 42.1523, 0.2731,
0.3268

■ 38.1186, 0.2408,
0.3240

■ 44.0049, 0.2867,
0.3276

■ 37.2322, 0.2335,
0.3231

■ 46.1335, 0.3013,
0.3284

■ 36.5454, 0.2281,
0.3221


■ 48.5500, 0.3166,
0.3292


■ 36.0366, 0.2246,
0.3212


■ 51.2655, 0.3323,
0.3299


 35.6737, 0.2226,
0.3203

 54.2906, 0.3482,
0.3305

 35.5914, 0.2222,
0.3200

 57.6353, 0.3639,
0.3310

 59.9233, 0.3734,
0.3315

 60.1451, 0.3732,
0.3321

Harmonies

Analogous

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



40.5614, 0.2827, 0.3568



40.5614, 0.2607, 0.3259



40.5614, 0.2522, 0.2980

Triad

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



40.5614, 0.2607, 0.3259



40.5614, 0.3093, 0.2844



40.5614, 0.3687, 0.3767

Complementary

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



40.5614, 0.2607, 0.3259



24.1379, 0.4019, 0.3321

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.



40.5614, 0.3772, 0.3549



40.5614, 0.2607, 0.3259



40.5614, 0.3420, 0.3031

Square

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



40.5614, 0.2607, 0.3259



40.5614, 0.2791, 0.2760



40.5614, 0.3673, 0.3283



40.5614, 0.3450, 0.3868

Rectangle

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



40.5614, 0.2607, 0.3259



40.5614, 0.2549, 0.2849



40.5614, 0.3673, 0.3283



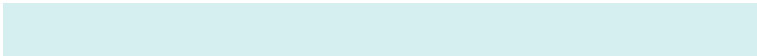
40.5614, 0.3735, 0.3704

Sweetspot

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



40.5630, 0.2607, 0.3259



82.1722, 0.2958, 0.3282



39.1789, 0.3067, 0.4391



17.6021, 0.2938, 0.3280



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.



40.5630, 0.2607, 0.3259



71.5170, 0.2516, 0.3251



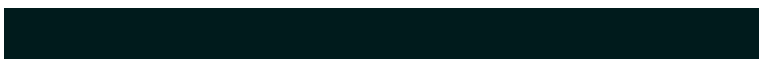
28.3887, 0.2530, 0.2725



10.1655, 0.2985, 0.3283



24.5554, 0.2223, 0.3202



0.8795, 0.2229, 0.3225

Inverse Universe

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



25.8247, 0.3191, 0.2400



41.0231, 0.3206, 0.2218



33.4402, 0.3840, 0.3792



9.1582, 0.3142, 0.3071



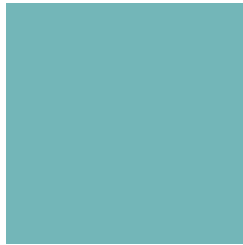
9.2612, 0.3281, 0.1581



0.3279, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 40.5614, 0.2607, 0.3259 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 40.5614, 0.2607, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

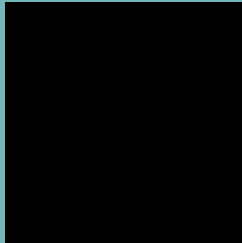
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

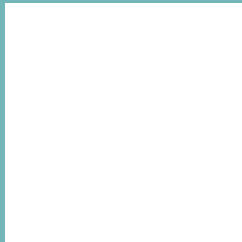
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5614, 0.2607, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 40.5614, 0.2607, 0.3259.

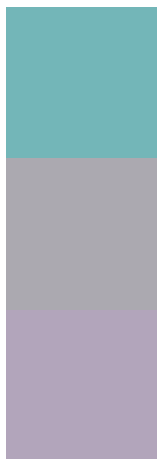


This preview shows how white text looks on a background with the Yxy color 40.5614, 0.2607, 0.3259.

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

40.5614, 0.2607, 0.3259

Protanopia

40.1685, 0.3087, 0.3194

Deuteranopia

39.9631, 0.3059, 0.2997



Tritanopia

40.4342, 0.2554, 0.3069

Trichromacy



Original Color

40.5614, 0.2607, 0.3259

Protanomaly

40.1061, 0.2891, 0.3218

Deuteranomaly

39.6396, 0.2870, 0.3079

Tritanomaly

40.5912, 0.2574, 0.3141

Monochromacy



Original Color

40.5614, 0.2607, 0.3259

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2980, 0.2908, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5614, 0.2607, 0.3259 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(115, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(115, 182, 184)  
}
```

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(115, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 40.5614, 0.2607, 0.3259 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(115, 182, 184) }
```

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

```
.border{ border-color:rgb(115, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(115, 182,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5614, 0.2607, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 182, 184) }
```

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

```
.background{ background-color: rgb(115,  
182, 184) }
```

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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