

Converting Colors

$Yxy(41.1572, 0.2614, 0.3222)$

Have a look what the booklet for
Yxy(41.1572, 0.2614, 0.3222)
contains.

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Color

Yxy(40.9657, 0.2613, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	77B6BB
RGB	119, 182, 187
RGB Percent	47%, 71%, 73%
CMY	0.5337, 0.2862, 0.2667
CMYK	0.36, 0.03, 0.00, 0.27
HSL	184°, 33%, 60%
HSV	184°, 36%, 73%
XYZ	33.2950, 40.9657, 53.1598
YIQ	163.7330, -39.1530, -11.8010

Conversions

Conversions Part 2

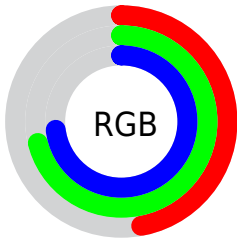
Format	Color
RYB	119, 152, 187
Decimal	7845563
CIELab	70.15, -18.88, -8.95
CIElCh	70, 20.891, 205.357
Yxy	40.9657, 0.2613, 0.3215
Android (android.graphics.Color)	4286035643 (0xFF77B6BB)
YUV	163.7330, 11.4706, -39.2308
Hunter-Lab	64.0045, -19.1525, -4.4411

Details

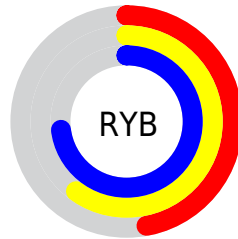
The Yxy color **40.9657, 0.2613, 0.3215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **26.2787, 0.3968, 0.3363**, and the grayscale version is **36.9409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6188, 0.2709, 0.3233**, and **18.5800, 0.2467, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **39.2166, 0.2499, 0.3192**, and if you desaturate by 10%, it is **42.9837, 0.2741, 0.3237**.

Distribution



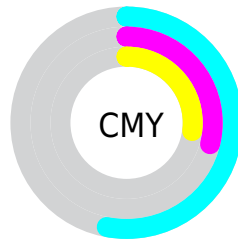
- Red (47%)
- Green (71%)
- Blue (73%)



- Red (47%)
- Yellow (60%)
- Blue (73%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)




- Cyan (53%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9657, 0.2613, 0.3215 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 40.9657, 0.2613, 0.3215 by changing the saturation by 10% instead.


 40.9657, 0.2613,
0.3215


 40.9657, 0.2613,
0.3215

350.1772, 0.2871,
0.3258


 28.2923, 0.2548,
0.3202


 76.6318, 0.2707,
0.3232

 18.5461, 0.2465,
0.3185


 100.3933, 0.2742,
0.3238

 11.3428, 0.2354,
0.3160


 128.6196, 0.2772,
0.3243

 6.2979, 0.2200,
0.3121

161.6952, 0.2798,
0.3247

 3.0270, 0.1971,
0.3055

200.0043, 0.2820,
0.3250

 1.1459, 0.1557,
0.2938

243.9314, 0.2839,

 0.0168, 0.0000,

0.3253

0.0255

293.8609, 0.2856,
0.3256

0.0000, 0.0000,
0.0000

40.9657, 0.2613,
0.3215

40.9657, 0.2613,
0.3215

39.2166, 0.2499,
0.3192

42.9837, 0.2741,
0.3237

37.7162, 0.2400,
0.3167

45.2798, 0.2881,
0.3259

36.4492, 0.2320,
0.3143

47.8688, 0.3029,
0.3278

35.3963, 0.2259,
0.3118

50.7629, 0.3183,
0.3296

34.5355, 0.2216,
0.3093

53.9736, 0.3339,
0.3313

■ 33.8374, 0.2191,
0.3069

■ 57.5120, 0.3495,
0.3327

■ 33.6052, 0.2183,
0.3060

■ 61.3883, 0.3650,
0.3340

■ 62.9611, 0.3689,
0.3354

■ 63.5672, 0.3686,
0.3368

Harmonies

Analogous

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



40.9657, 0.2803, 0.3507



40.9657, 0.2613, 0.3215



40.9657, 0.2555, 0.2964

Triad

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



40.9657, 0.2613, 0.3215



40.9657, 0.3146, 0.2890



40.9657, 0.3628, 0.3766

Complementary

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



40.9657, 0.2613, 0.3215



26.2787, 0.3968, 0.3363

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.



40.9657, 0.3734, 0.3575



40.9657, 0.2613, 0.3215



40.9657, 0.3449, 0.3081

Square

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



40.9657, 0.2613, 0.3215



40.9657, 0.2852, 0.2793



40.9657, 0.3668, 0.3326



40.9657, 0.3388, 0.3835

Rectangle

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



40.9657, 0.2613, 0.3215



40.9657, 0.2596, 0.2851



40.9657, 0.3668, 0.3326



40.9657, 0.3681, 0.3712

Sweetspot

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



40.9673, 0.2613, 0.3215



83.4641, 0.2958, 0.3269



40.8934, 0.3046, 0.4299



18.2420, 0.2938, 0.3266



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.



40.9673, 0.2613, 0.3215



70.7447, 0.2517, 0.3196



28.8123, 0.2540, 0.2689



10.6871, 0.2985, 0.3273



23.2026, 0.2184, 0.3063



0.9448, 0.2200, 0.3121

Inverse Universe

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



27.1142, 0.3222, 0.2459



42.4017, 0.3247, 0.2280



36.1731, 0.3799, 0.3822



9.6839, 0.3149, 0.3080



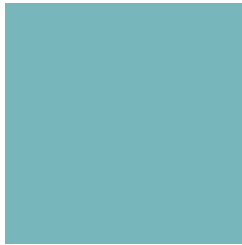
9.3720, 0.3399, 0.1646



0.3707, 0.3349, 0.1618

Previews

White Background



This preview shows how the Yxy color 40.9657, 0.2613, 0.3215 looks on a white background.

Color Contrast Check

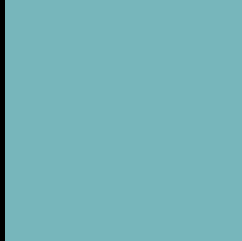
Large Text (above 18pt) WCAG AA × Fail

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 40.9657, 0.2613, 0.3215 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 40.9657, 0.2613, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 40.9657, 0.2613, 0.3215.

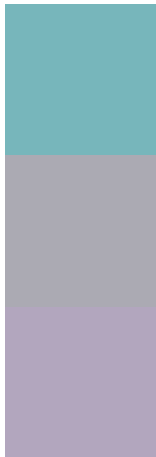


This preview shows how white text looks on a background with the Yxy color 40.9657, 0.2613, 0.3215.

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

40.9657, 0.2613, 0.3215

Protanopia

40.6621, 0.3061, 0.3167

Deuteranopia

40.4551, 0.3034, 0.2973



Tritanopia

41.0528, 0.2575, 0.3085

Trichromacy



Original Color

40.9657, 0.2613, 0.3215

Protanomaly

40.3249, 0.2877, 0.3176

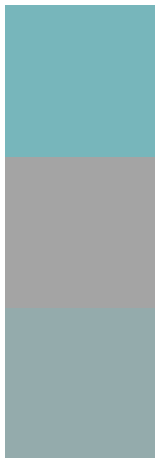
Deuteranomaly

40.3473, 0.2864, 0.3054

Tritanomaly

40.8466, 0.2587, 0.3128

Monochromacy



Original Color

40.9657, 0.2613, 0.3215

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.4003, 0.2918, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9657, 0.2613, 0.3215 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(119, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(119, 182, 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(119, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 182, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.9657, 0.2613, 0.3215 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(119, 182, 187) }
```

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

```
.border{ border-color:rgb(119, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(119, 182,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9657, 0.2613, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 182, 187) }
```

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

```
.background{ background-color: rgb(119,  
182, 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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