

Converting Colors

$Yxy(57.4022, 0.2620, 0.3217)$

Have a look what the booklet for
Yxy(57.4022, 0.2620, 0.3217)
contains.

Yxy(57.1737, 0.2619, 0.3211)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1737, 0.2619, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	8CD3D9
RGB	140, 211, 217
RGB Percent	55%, 83%, 85%
CMY	0.4511, 0.1725, 0.1489
CMYK	0.36, 0.03, 0.00, 0.15
HSL	185°, 50%, 70%
HSV	185°, 36%, 85%
XYZ	46.6328, 57.1737, 74.2492
YIQ	190.4550, -44.2420, -13.1860

Conversions

Conversions Part 2

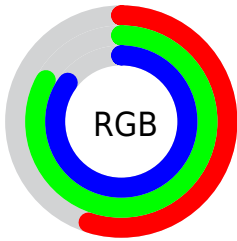
Format	Color
RYB	140, 177, 217
Decimal	9229273
CIELab	80.28, -20.63, -10.04
CIElCh	80, 22.947, 205.955
Yxy	57.1737, 0.2619, 0.3211
Android (android.graphics.Color)	4287419353 (0xFF8CD3D9)
YUV	190.4550, 13.0867, -44.2490
Hunter-Lab	75.6133, -22.2374, -5.2911

Details

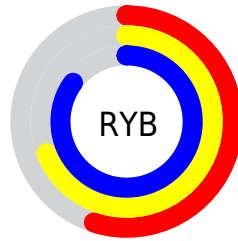
The Yxy color **57.1737, 0.2619, 0.3211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2066, 0.3948, 0.3366**, and the grayscale version is **51.7085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **28.3169, 0.2491, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **54.6338, 0.2502, 0.3186**, and if you desaturate by 10%, it is **60.0988, 0.2750, 0.3235**.

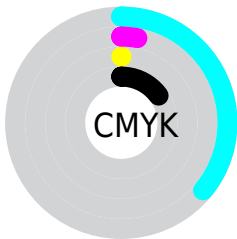
Distribution



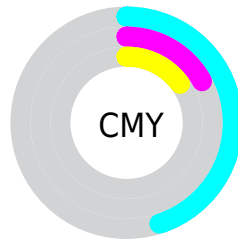
- Red (55%)
- Green (83%)
- Blue (85%)



- Red (55%)
- Yellow (69%)
- Blue (85%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)





- Cyan (45%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1737, 0.2619, 0.3211 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 57.1737, 0.2619, 0.3211 by changing the saturation by 10% instead.


 57.1737, 0.2619,
0.3211


 57.1737, 0.2619,
0.3211


414.0999, 0.2860,
0.3254

 41.1447, 0.2562,
0.3200


 100.7186, 0.2704,
0.3227

 28.4322, 0.2492,
0.3184


 129.0033, 0.2737,
0.3233

 18.6517, 0.2401,
0.3164


162.1420, 0.2765,
0.3238

 11.4189, 0.2281,
0.3134

200.5192, 0.2789,
0.3242

 6.3493, 0.2115,
0.3087

244.5191, 0.2810,
0.3246

 3.0586, 0.1870,
0.3009

294.5263, 0.2829,

 1.1624, 0.1427,

0.3249

0.2872

350.9251, 0.2845,
0.3252

0.0307, 0.0000,
0.0400

0.0000, 0.0000,
0.0000

57.1737, 0.2619,
0.3211

57.1737, 0.2619,
0.3211

54.6338, 0.2502,
0.3186

60.0988, 0.2750,
0.3235

52.4503, 0.2402,
0.3159

63.4226, 0.2892,
0.3258

50.6013, 0.2320,
0.3133

67.1661, 0.3042,
0.3279

49.0592, 0.2257,
0.3106

71.3468, 0.3197,
0.3298

■ 47.7924, 0.2213,
0.3079

■ 75.9811, 0.3355,
0.3316

■ 46.7615, 0.2187,
0.3053

■ 78.0898, 0.3401,
0.3333

■ 46.3445, 0.2178,
0.3041

■ 78.9925, 0.3398,
0.3350

■ 79.9042, 0.3395,
0.3367

■ 80.8251, 0.3393,
0.3384

Harmonies

Analogous

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



57.1737, 0.2804, 0.3498



57.1737, 0.2619, 0.3211



57.1737, 0.2565, 0.2965

Triad

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



57.1737, 0.2619, 0.3211



57.1737, 0.3152, 0.2899



57.1737, 0.3616, 0.3760

Complementary

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



57.1737, 0.2619, 0.3211



37.2066, 0.3948, 0.3366

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.



57.1737, 0.3723, 0.3575



57.1737, 0.2619, 0.3211



57.1737, 0.3449, 0.3089

Square

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



57.1737, 0.2619, 0.3211



57.1737, 0.2862, 0.2802



57.1737, 0.3662, 0.3331



57.1737, 0.3378, 0.3825

Rectangle

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



57.1737, 0.2619, 0.3211



57.1737, 0.2607, 0.2856



57.1737, 0.3662, 0.3331



57.1737, 0.3669, 0.3709

Sweetspot

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



57.1760, 0.2619, 0.3211



93.6700, 0.2957, 0.3268



57.2657, 0.3047, 0.4282



19.8936, 0.2937, 0.3265



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.1760, 0.2619, 0.3211



79.4377, 0.2526, 0.3191



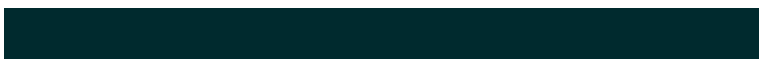
40.6106, 0.2549, 0.2699



14.6460, 0.2982, 0.3271



28.1148, 0.2179, 0.3045



1.8743, 0.2191, 0.3088

Inverse Universe

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



38.2067, 0.3224, 0.2475



48.2975, 0.3249, 0.2303



50.7816, 0.3787, 0.3814



13.2563, 0.3150, 0.3077



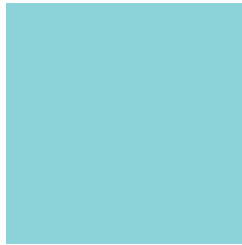
11.4620, 0.3415, 0.1655



0.7479, 0.3378, 0.1634

Previews

White Background



This preview shows how the Yxy color 57.1737, 0.2619, 0.3211 looks on a white background.

Color Contrast Check

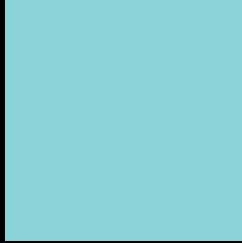
Large Text (above 18pt) WCAG AA × Fail

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 57.1737, 0.2619, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

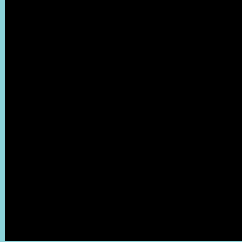
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

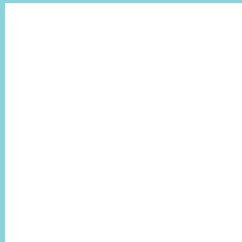
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1737, 0.2619, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 57.1737, 0.2619, 0.3211.



This preview shows how white text looks on a background with the Yxy color 57.1737, 0.2619, 0.3211.

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

57.1737, 0.2619, 0.3211

Protanopia

56.6781, 0.3056, 0.3148

Deuteranopia

56.6258, 0.3033, 0.2968



Tritanopia

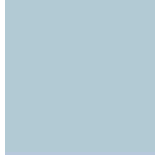
57.3350, 0.2580, 0.3087

Trichromacy



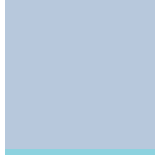
Original Color

57.1737, 0.2619, 0.3211



Protanomaly

56.4595, 0.2881, 0.3167



Deuteranomaly

56.5431, 0.2863, 0.3049



Tritanomaly

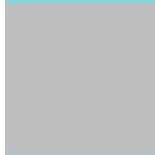
57.0836, 0.2591, 0.3123

Monochromacy



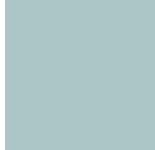
Original Color

57.1737, 0.2619, 0.3211



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.3290, 0.2915, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1737, 0.2619, 0.3211 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(140, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 211, 217)  
}
```

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(140, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 211, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.1737, 0.2619, 0.3211 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(140, 211, 217) }
```

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

```
.border{ border-color:rgb(140, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(140, 211,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1737, 0.2619, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 211, 217) }
```

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

```
.background{ background-color: rgb(140,  
211, 217) }
```

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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