

Converting Colors

$Y_{xy}(38.9984, 0.2718, 0.3208)$

Have a look what the booklet for
Yxy(38.9984, 0.2718, 0.3208)
contains.

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Color

Yxy(39.1327, 0.2717, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	82B0B5
RGB	130, 176, 181
RGB Percent	51%, 69%, 71%
CMY	0.4902, 0.3098, 0.2903
CMYK	0.28, 0.03, 0.00, 0.29
HSL	186°, 26%, 61%
HSV	186°, 28%, 71%
XYZ	33.0711, 39.1327, 49.5153
YIQ	162.8160, -29.0210, -8.1970

Conversions

Conversions Part 2

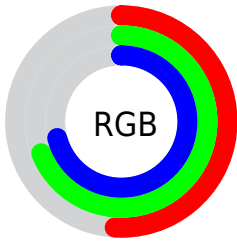
Format	Color
RYB	130, 154, 181
Decimal	8564917
CIELab	68.85, -14.05, -7.51
CIELCh	69, 15.930, 208.135
Yxy	39.1327, 0.2717, 0.3215
Android (android.graphics.Color)	4286754997 (0xFF82B0B5)
YUV	162.8160, 8.9647, -28.7796
Hunter-Lab	62.5561, -15.1070, -3.1408

Details

The Yxy color **39.1327, 0.2717, 0.3215** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7581, 0.3713, 0.3363**, and the grayscale version is **36.5030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0180, 0.2791, 0.3233**, and **17.3441, 0.2591, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **37.1381, 0.2589, 0.3185**, and if you desaturate by 10%, it is **41.3912, 0.2856, 0.3244**.

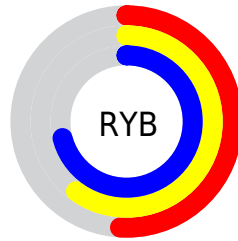
Distribution



Red (51%)

Green (69%)

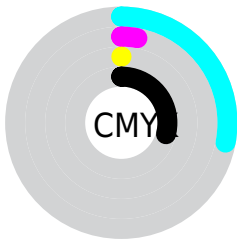
Blue (71%)



Red (51%)

Yellow (60%)

Blue (71%)

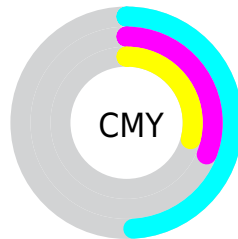


Cyan (28%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (49%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1327, 0.2717, 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 39.1327, 0.2717, 0.3215 by changing the saturation by 10% instead.


 39.1327, 0.2717,
0.3215


 39.1327, 0.2717,
0.3215


342.4543, 0.2926,
0.3257


 26.8630, 0.2664,
0.3203


 73.8410, 0.2794,
0.3231

 17.4703, 0.2595,
0.3187


 97.0484, 0.2822,
0.3237

 10.5704, 0.2503,
0.3164


 124.6704, 0.2846,
0.3242

 5.7788, 0.2372,
0.3129

157.0915, 0.2867,
0.3246

 2.7110, 0.2173,
0.3069

194.6960, 0.2884,
0.3249

 0.9828, 0.1777,
0.2971

237.8684, 0.2900,

 0.0000, 0.0000,

0.3252

0.0000

286.9931, 0.2913,
0.3255

■ 39.1327, 0.2717,
0.3215

■ 39.1327, 0.2717,
0.3215

■ 37.1381, 0.2589,
0.3185

■ 41.3912, 0.2856,
0.3244

■ 35.3894, 0.2475,
0.3153

■ 43.9212, 0.3003,
0.3270

■ 33.8738, 0.2377,
0.3120

■ 46.7356, 0.3155,
0.3294

■ 32.5753, 0.2297,
0.3087

■ 49.8452, 0.3310,
0.3316

■ 31.4759, 0.2235,
0.3053

■ 53.2603, 0.3465,
0.3336

■ 30.5545, 0.2193,
0.3020

■ 56.9906, 0.3618,
0.3354

■ 29.7768, 0.2166,
0.2987

■ 60.7219, 0.3753,
0.3369

■ 29.6396, 0.2162,
0.2981

■ 61.4835, 0.3748,
0.3388

■ 62.2545, 0.3743,
0.3406

Harmonies

Analogous

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



39.1327, 0.2859, 0.3438



39.1327, 0.2717, 0.3215



39.1327, 0.2681, 0.3025

Triad

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



39.1327, 0.2717, 0.3215



39.1327, 0.3166, 0.2987



39.1327, 0.3503, 0.3670

Complementary

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



39.1327, 0.2717, 0.3215



28.7581, 0.3713, 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.



39.1327, 0.3594, 0.3532



39.1327, 0.2717, 0.3215



39.1327, 0.3396, 0.3144

Square

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



39.1327, 0.2717, 0.3215



39.1327, 0.2934, 0.2904



39.1327, 0.3555, 0.3340



39.1327, 0.3311, 0.3707

Rectangle

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



39.1327, 0.2717, 0.3215



39.1327, 0.2721, 0.2941



39.1327, 0.3555, 0.3340



39.1327, 0.3546, 0.3633

Sweetspot

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



39.1343, 0.2717, 0.3215



78.6946, 0.3004, 0.3270



39.5151, 0.3058, 0.4022



16.8558, 0.2981, 0.3266



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.1343, 0.2717, 0.3215



67.7625, 0.2634, 0.3196



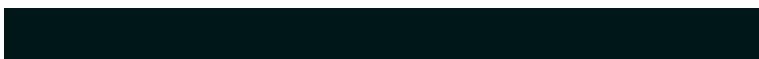
30.2954, 0.2678, 0.2832



9.4869, 0.2986, 0.3267



20.4942, 0.2163, 0.2985



0.6856, 0.2188, 0.3077

Inverse Universe

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



28.9244, 0.3211, 0.2663



46.5179, 0.3233, 0.2521



36.4862, 0.3619, 0.3709



8.6321, 0.3152, 0.3087



8.6090, 0.3467, 0.1684



0.2750, 0.3387, 0.1639

Previews

White Background



This preview shows how the Yxy color 39.1327, 0.2717, 0.3215 looks on a white background.

Color Contrast Check

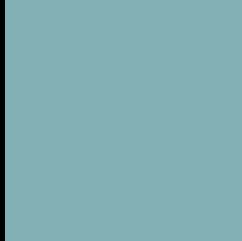
Large Text (above 18pt) WCAG AA × Fail

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 39.1327, 0.2717, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

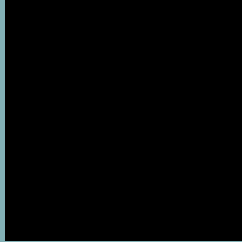
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

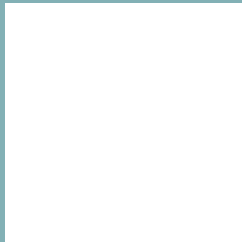
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1327, 0.2717, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 39.1327, 0.2717, 0.3215.

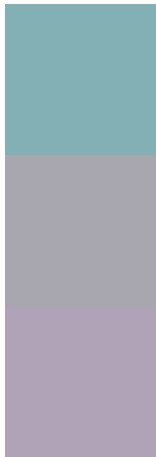


This preview shows how white text looks on a background with the Yxy color 39.1327, 0.2717, 0.3215.

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

39.1327, 0.2717, 0.3215

Protanopia

38.6924, 0.3069, 0.3165

Deuteranopia

38.8852, 0.3067, 0.3007



Tritanopia

39.2396, 0.2675, 0.3085

Trichromacy



Original Color

39.1327, 0.2717, 0.3215

Protanomaly

38.7938, 0.2930, 0.3189

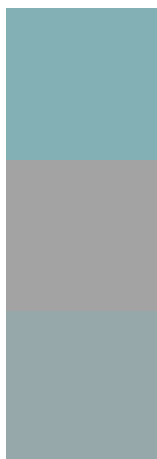
Deuteranomaly

38.7951, 0.2925, 0.3079

Tritanomaly

39.0304, 0.2688, 0.3127

Monochromacy



Original Color

39.1327, 0.2717, 0.3215

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.4869, 0.2959, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1327, 0.2717, 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(130, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 181)  
}
```

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(130, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 181) }
```

Border

The CSS property to change the border of an element to Yxy 39.1327, 0.2717, 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(130, 176, 181) }
```

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

```
.border{ border-color:rgb(130, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1327, 0.2717, 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(130, 176, 181) }
```

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

```
.background{ background-color: rgb(130,  
176, 181) }
```

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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