

Converting Colors

$Yxy(35.4855, 0.2469, 0.3966)$

Have a look what the booklet for
Yxy(35.4855, 0.2469, 0.3966)
contains.

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Color

Yxy(35.3082, 0.2465, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	1CB590
RGB	28, 181, 144
RGB Percent	11%, 71%, 56%
CMY	0.8909, 0.2902, 0.4352
CMYK	0.85, 0.00, 0.20, 0.29
HSL	166°, 73%, 41%
HSV	166°, 85%, 71%
XYZ	22.0341, 35.3082, 32.0455
YIQ	131.0350, -79.3110, -43.9430

Conversions

Conversions Part 2

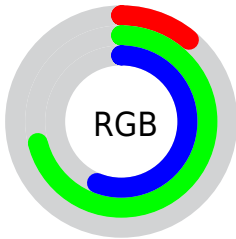
Format	Color
RYB	28, 115, 181
Decimal	1881488
CIELab	65.99, -46.24, 8.32
CIELCh	66, 46.986, 169.796
Yxy	35.3082, 0.2465, 0.3950
Android (android.graphics.Color)	4280071568 (0xFF1CB590)
YUV	131.0350, 6.3917, -90.3617
Hunter-Lab	59.4207, -37.7957, 9.6194

Details

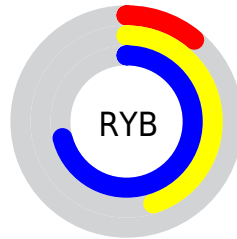
The Yxy color **35.3082, 0.2465, 0.3950** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **11.0268, 0.5449, 0.2943**, and the grayscale version is **22.6912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1099, 0.2596, 0.3814**, and **15.9869, 0.2479, 0.4124** is the 20% darker color. If you saturate the color by 10%, you get **34.9967, 0.2464, 0.4039**, and if you desaturate by 10%, it is **35.7806, 0.2484, 0.3861**.

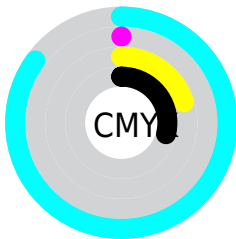
Distribution



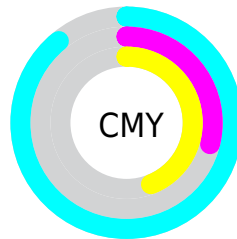
- Red (11%)
- Green (71%)
- Blue (56%)



- Red (11%)
- Yellow (45%)
- Blue (71%)



- Cyan (85%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)





- Cyan (89%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3082, 0.2465, 0.3950 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 35.3082, 0.2465, 0.3950 by changing the saturation by 10% instead.

 35.3082, 0.2465,
0.3950


 35.3082, 0.2465,
0.3950


325.9266, 0.2815,
0.3593

 23.9004, 0.2371,
0.4049


 67.9629, 0.2597,
0.3813


 15.2597, 0.2248,
0.4182


 89.9787, 0.2645,
0.3764


 9.0019, 0.2077,
0.4371


 116.2991, 0.2685,
0.3723

 4.7424, 0.1827,
0.4658

 147.3088, 0.2719,
0.3689

 2.0969, 0.1367,
0.5180

 183.3919, 0.2748,
0.3660

 0.6629, 0.0000,
0.8258

224.9330, 0.2773,

 0.0000, 0.0000,

0.3635

0.0000

272.3165, 0.2796,
0.3612

■ 35.3082, 0.2465,
0.3950

■ 35.3082, 0.2465,
0.3950

■ 34.9967, 0.2464,
0.4039

■ 35.7806, 0.2484,
0.3861

■ 34.8656, 0.2468,
0.4086

■ 36.4340, 0.2523,
0.3772

■ 37.2895, 0.2581,
0.3685

■ 38.3646, 0.2655,
0.3602

■ 39.6745, 0.2745,
0.3522

■ 41.2333, 0.2846,
0.3448

■ 43.0538, 0.2956,
0.3380

■ 45.1480, 0.3072,
0.3317

■ 47.5272, 0.3192,
0.3260

Harmonies

Analogous

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



35.3082, 0.3109, 0.4511



35.3082, 0.2465, 0.3950



35.3082, 0.2030, 0.3189

Triad

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



35.3082, 0.2465, 0.3950



35.3082, 0.2385, 0.2199



35.3082, 0.4559, 0.3747

Complementary

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



35.3082, 0.2465, 0.3950



11.0268, 0.5449, 0.2943

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.



35.3082, 0.4346, 0.3211



35.3082, 0.2465, 0.3950



35.3082, 0.3010, 0.2369

Square

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



35.3082, 0.2465, 0.3950



35.3082, 0.1997, 0.2257



35.3082, 0.3748, 0.2727



35.3082, 0.4335, 0.4254

Rectangle

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



35.3082, 0.2465, 0.3950



35.3082, 0.1895, 0.2755



35.3082, 0.3748, 0.2727



35.3082, 0.4539, 0.3567

Sweetspot

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



35.3096, 0.2465, 0.3950



73.6026, 0.2837, 0.3454



34.2966, 0.3165, 0.5717



15.6912, 0.2802, 0.3479



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.



35.3096, 0.2465, 0.3950



62.4000, 0.2472, 0.4100



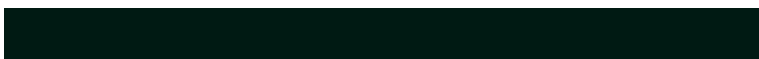
23.1401, 0.2091, 0.2602



9.5958, 0.3017, 0.3346



24.0446, 0.2465, 0.4075



0.7650, 0.2397, 0.3829

Inverse Universe

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



11.0268, 0.5449, 0.2943



17.8861, 0.5991, 0.3074



13.8188, 0.5632, 0.3668



8.5378, 0.3250, 0.3235



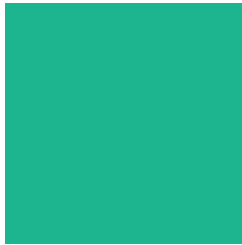
6.9056, 0.5922, 0.3036



0.2266, 0.5135, 0.2602

Previews

White Background



This preview shows how the Yxy color 35.3082, 0.2465, 0.3950 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 35.3082, 0.2465, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

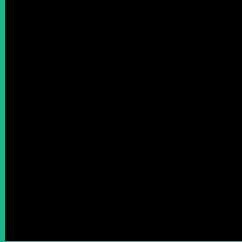
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3082, 0.2465, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 35.3082, 0.2465, 0.3950.

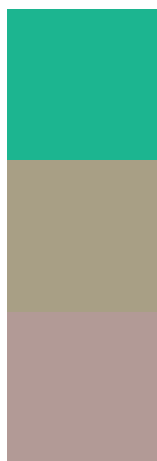


This preview shows how white text looks on a background with the Yxy color 35.3082, 0.2465, 0.3950.

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

35.3082, 0.2465, 0.3950

Protanopia

34.8146, 0.3459, 0.3673

Deuteranopia

34.7782, 0.3409, 0.3347



Tritanopia

35.2947, 0.2289, 0.3063

Trichromacy



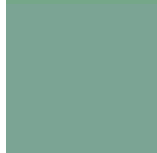
Original Color

35.3082, 0.2465, 0.3950



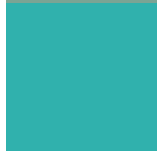
Protanomaly

33.2255, 0.2930, 0.3792



Deuteranomaly

32.9000, 0.2892, 0.3551



Tritanomaly

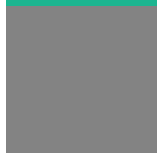
35.0898, 0.2341, 0.3355

Monochromacy



Original Color

35.3082, 0.2465, 0.3950



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

25.5996, 0.2718, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3082, 0.2465, 0.3950 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(28, 181, 144)` looks like.

```
.text, #text, p{  
    color:rgb(28, 181, 144)  
}
```

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(28, 181, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 181, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.3082, 0.2465, 0.3950 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(28, 181, 144) }
```

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

```
.border{ border-color:rgb(28, 181, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 181, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(28, 181,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3082, 0.2465, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 181, 144) }
```

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

```
.background{ background-color: rgb(28, 181,  
144) }
```

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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