

Converting Colors

$Yxy(38.5262, 0.2758, 0.3382)$

Have a look what the booklet for
Yxy(38.5262, 0.2758, 0.3382)
contains.

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Color

Yxy(38.3129, 0.2756, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	7DB0AA
RGB	125, 176, 170
RGB Percent	49%, 69%, 67%
CMY	0.5101, 0.3097, 0.3334
CMYK	0.29, 0.00, 0.03, 0.31
HSL	173°, 24%, 59%
HSV	173°, 29%, 69%
XYZ	31.2305, 38.3129, 43.7748
YIQ	160.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

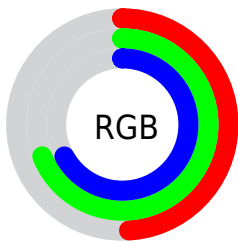
Format	Color
RYB	125, 152, 176
Decimal	8237226
CIELab	68.25, -18.12, -2.35
CIELCh	68, 18.276, 187.391
Yxy	38.3129, 0.2756, 0.3381
Android (android.graphics.Color)	4286427306 (0xFF7DB0AA)
YUV	160.0670, 4.8970, -30.7538
Hunter-Lab	61.8974, -18.2578, 1.3974

Details

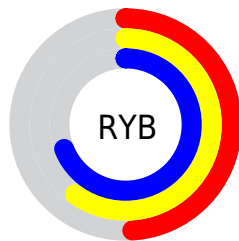
The Yxy color **38.3129, 0.2756, 0.3381** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.5205, 0.3680, 0.3203**, and the grayscale version is **35.1677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7332, 0.2828, 0.3370**, and **16.9298, 0.2645, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **37.0279, 0.2648, 0.3417**, and if you desaturate by 10%, it is **39.8369, 0.2876, 0.3347**.

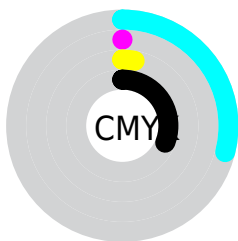
Distribution



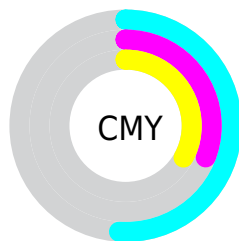
- Red (49%)
- Green (69%)
- Blue (67%)



- Red (49%)
- Yellow (60%)
- Blue (69%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)





- Cyan (51%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3129, 0.2756, 0.3381 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 38.3129, 0.2756, 0.3381 by changing the saturation by 10% instead.


 38.3129, 0.2756,
0.3381


 38.3129, 0.2756,
0.3381


338.9603, 0.2946,
0.3336


 26.2256, 0.2707,
0.3392


 72.5875, 0.2826,
0.3365

 16.9925, 0.2643,
0.3407


 95.5436, 0.2852,
0.3358

 10.2292, 0.2556,
0.3426


 122.8914, 0.2874,
0.3353

 5.5512, 0.2432,
0.3452

155.0154, 0.2893,
0.3349

 2.5741, 0.2239,
0.3489

192.2998, 0.2909,
0.3345

 0.9137, 0.1695,
0.3638

235.1292, 0.2923,

 0.0000, 0.0000,

0.3341

0.0000

283.8879, 0.2935,
0.3338

■ 38.3129, 0.2756,
0.3381

■ 38.3129, 0.2756,
0.3381

■ 37.0279, 0.2648,
0.3417

■ 39.8369, 0.2876,
0.3347

■ 35.9649, 0.2554,
0.3455

■ 41.6069, 0.3005,
0.3316

■ 35.1119, 0.2477,
0.3494

■ 43.6350, 0.3141,
0.3287

■ 34.4539, 0.2418,
0.3535

■ 45.9313, 0.3280,
0.3262

■ 33.9738, 0.2378,
0.3575

■ 48.5056, 0.3420,
0.3239

■ 33.6518, 0.2357,
0.3616

■ 51.3667, 0.3560,
0.3218

■ 33.4505, 0.2351,
0.3656

■ 54.5234, 0.3698,
0.3200

■ 33.4326, 0.2350,
0.3660

■ 55.8882, 0.3739,
0.3181

■ 55.9775, 0.3720,
0.3159

Harmonies

Analogous

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



38.3129, 0.2983, 0.3620



38.3129, 0.2756, 0.3381



38.3129, 0.2629, 0.3126

Triad

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



38.3129, 0.2756, 0.3381



38.3129, 0.2981, 0.2866



38.3129, 0.3649, 0.3625

Complementary

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



38.3129, 0.2756, 0.3381



25.5205, 0.3680, 0.3203

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.



38.3129, 0.3653, 0.3417



38.3129, 0.2756, 0.3381



38.3129, 0.3257, 0.2991

Square

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



38.3129, 0.2756, 0.3381



38.3129, 0.2754, 0.2842



38.3129, 0.3507, 0.3188



38.3129, 0.3501, 0.3756

Rectangle

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



38.3129, 0.2756, 0.3381



38.3129, 0.2614, 0.2987



38.3129, 0.3507, 0.3188



38.3129, 0.3668, 0.3561

Sweetspot

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



38.3145, 0.2756, 0.3381



75.3980, 0.3003, 0.3316



37.4215, 0.3147, 0.4103



16.2349, 0.2985, 0.3321



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.3145, 0.2756, 0.3381



67.8905, 0.2683, 0.3405



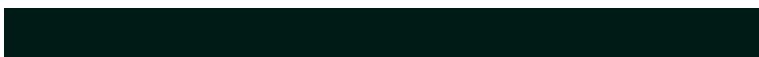
31.7015, 0.2684, 0.2996



9.6139, 0.3001, 0.3317



24.5305, 0.2349, 0.3656



0.7767, 0.2318, 0.3543

Inverse Universe

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



25.5205, 0.3680, 0.3203



40.7817, 0.3860, 0.3182



30.5563, 0.3679, 0.3565



8.5210, 0.3269, 0.3263



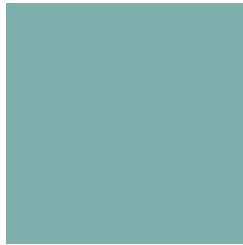
6.8161, 0.6232, 0.3207



0.2197, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 38.3129, 0.2756, 0.3381 looks on a white background.

Color Contrast Check

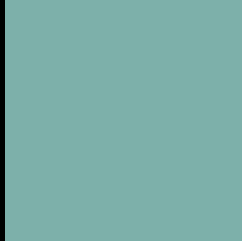
Large Text (above 18pt) WCAG AA × Fail

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 38.3129, 0.2756, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

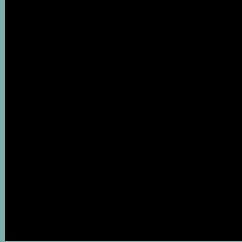
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3129, 0.2756, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 38.3129, 0.2756, 0.3381.

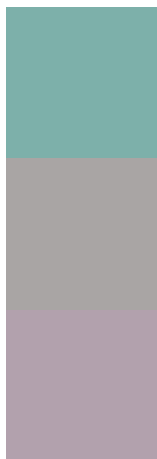


This preview shows how white text looks on a background with the Yxy color 38.3129, 0.2756, 0.3381.

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

38.3129, 0.2756, 0.3381

Protanopia

38.0256, 0.3173, 0.3304

Deuteranopia

37.9718, 0.3182, 0.3127



Tritanopia

38.1421, 0.2664, 0.3082

Trichromacy



Original Color

38.3129, 0.2756, 0.3381

Protanomaly

37.9014, 0.3009, 0.3334

Deuteranomaly

37.6219, 0.3013, 0.3204

Tritanomaly

38.1975, 0.2699, 0.3184

Monochromacy



Original Color

38.3129, 0.2756, 0.3381

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.1558, 0.2972, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3129, 0.2756, 0.3381 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(125, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(125, 176, 170)  
}
```

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(125, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 176, 170) }
```

Border

The CSS property to change the border of an element to Yxy 38.3129, 0.2756, 0.3381 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(125, 176, 170) }
```

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

```
.border{ border-color:rgb(125, 176, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(125, 176,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3129, 0.2756, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 176, 170) }
```

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

```
.background{ background-color: rgb(125,  
176, 170) }
```

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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