

Converting Colors

$Y_{xy}(43.2952, 0.2735, 0.3367)$

Have a look what the booklet for
Yxy(43.2952, 0.2735, 0.3367)
contains.

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Color

Yxy(43.1998, 0.2732, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	82BAB5
RGB	130, 186, 181
RGB Percent	51%, 73%, 71%
CMY	0.4901, 0.2706, 0.2903
CMYK	0.30, 0.00, 0.03, 0.27
HSL	175°, 29%, 62%
HSV	175°, 30%, 73%
XYZ	35.1047, 43.1998, 50.1899
YIQ	168.6860, -31.7710, -13.4270

Conversions

Conversions Part 2

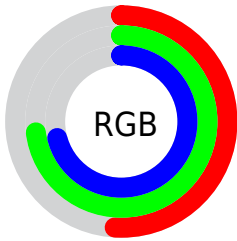
Format	Color
RYB	130, 159, 186
Decimal	8567477
CIELab	71.69, -19.24, -3.31
CIELCh	72, 19.518, 189.749
Yxy	43.1998, 0.2732, 0.3362
Android (android.graphics.Color)	4286757557 (0xFF82BAB5)
YUV	168.6860, 6.0708, -33.9276
Hunter-Lab	65.7266, -19.6843, 0.7338

Details

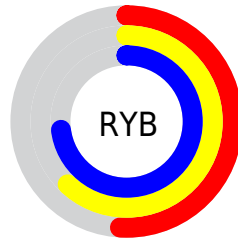
The Yxy color **43.1998, 0.2732, 0.3362** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.1596, 0.3730, 0.3221**, and the grayscale version is **39.4958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9330, 0.2805, 0.3345**, and **19.9533, 0.2622, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **41.7928, 0.2622, 0.3390**, and if you desaturate by 10%, it is **44.8770, 0.2854, 0.3336**.

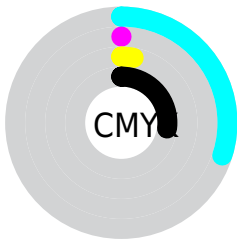
Distribution



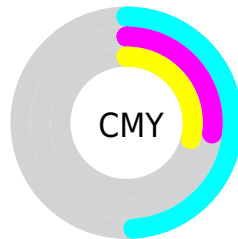
- Red (51%)
- Green (73%)
- Blue (71%)



- Red (51%)
- Yellow (62%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)





- Cyan (49%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1998, 0.2732, 0.3362 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 43.1998, 0.2732, 0.3362 by changing the saturation by 10% instead.

 43.1998, 0.2732,
0.3362

 43.1998, 0.2732,
0.3362


359.4328, 0.2930,
0.3328


 30.0419, 0.2682,
0.3370


 80.0123, 0.2804,
0.3350

 19.8704, 0.2618,
0.3380


 104.4357, 0.2831,
0.3345

 12.3009, 0.2533,
0.3393


 133.3830, 0.2854,
0.3341

 6.9489, 0.2413,
0.3409

167.2387, 0.2874,
0.3338

 3.4302, 0.2234,
0.3431

206.3871, 0.2891,
0.3335

 1.3602, 0.1935,
0.3460

251.2127, 0.2906,

 0.1871, 0.0000,

0.3332

0.3009

302.0998, 0.2919,
0.3330

0.0000, 0.0000,
0.0000

43.1998, 0.2732,
0.3362

43.1998, 0.2732,
0.3362

41.7928, 0.2622,
0.3390

44.8770, 0.2854,
0.3336

40.6365, 0.2528,
0.3418

46.8324, 0.2986,
0.3312

39.7168, 0.2451,
0.3448

49.0801, 0.3126,
0.3290

39.0164, 0.2393,
0.3479

51.6318, 0.3269,
0.3270

38.5154, 0.2353,
0.3509

54.4985, 0.3415,
0.3253

■ 38.1903, 0.2332,
0.3539

■ 57.6906, 0.3560,
0.3237

■ 37.9950, 0.2325,
0.3569

■ 60.2148, 0.3659,
0.3222

■ 60.2897, 0.3645,
0.3205

■ 60.3653, 0.3631,
0.3187

Harmonies

Analogous

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



43.1998, 0.2958, 0.3612



43.1998, 0.2732, 0.3362



43.1998, 0.2611, 0.3103

Triad

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



43.1998, 0.2732, 0.3362



43.1998, 0.2999, 0.2862



43.1998, 0.3656, 0.3648

Complementary

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



43.1998, 0.2732, 0.3362



28.1596, 0.3730, 0.3221

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.



43.1998, 0.3672, 0.3438



43.1998, 0.2732, 0.3362



43.1998, 0.3283, 0.2997

Square

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



43.1998, 0.2732, 0.3362



43.1998, 0.2760, 0.2829



43.1998, 0.3533, 0.3203



43.1998, 0.3494, 0.3774

Rectangle

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



43.1998, 0.2732, 0.3362



43.1998, 0.2603, 0.2964



43.1998, 0.3533, 0.3203



43.1998, 0.3679, 0.3584

Sweetspot

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



43.2015, 0.2732, 0.3362



85.2474, 0.2999, 0.3310



41.9335, 0.3132, 0.4145



18.6498, 0.2979, 0.3313



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.



43.2015, 0.2732, 0.3362



76.5902, 0.2659, 0.3380



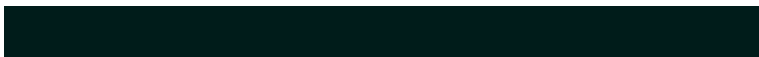
34.7034, 0.2662, 0.2954



10.1964, 0.2997, 0.3310



25.5665, 0.2324, 0.3565



0.9054, 0.2302, 0.3487

Inverse Universe

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



28.1596, 0.3730, 0.3221



45.0173, 0.3919, 0.3206



34.6418, 0.3700, 0.3603



9.0250, 0.3274, 0.3270



7.0547, 0.6282, 0.3234



0.2531, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 43.1998, 0.2732, 0.3362 looks on a white background.

Color Contrast Check

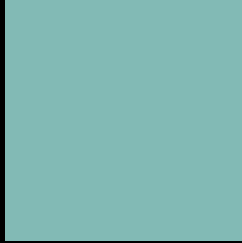
Large Text (above 18pt) WCAG AA × Fail

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 43.1998, 0.2732, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

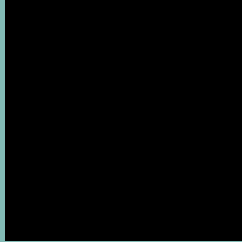
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

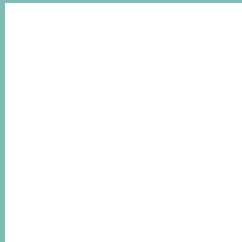
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1998, 0.2732, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 43.1998, 0.2732, 0.3362.

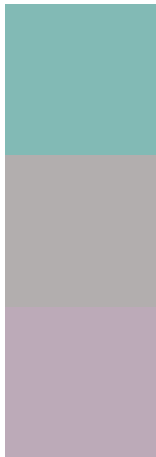


This preview shows how white text looks on a background with the Yxy color 43.1998, 0.2732, 0.3362.

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

43.1998, 0.2732, 0.3362

Protanopia

42.7931, 0.3163, 0.3290

Deuteranopia

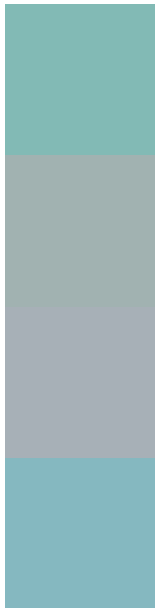
42.9015, 0.3172, 0.3109



Tritanopia

43.0125, 0.2645, 0.3078

Trichromacy



Original Color

43.1998, 0.2732, 0.3362

Protanomaly

42.5922, 0.2990, 0.3304

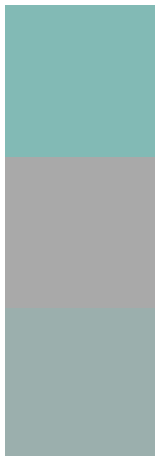
Deuteranomaly

42.6851, 0.2994, 0.3194

Tritanomaly

43.0733, 0.2678, 0.3175

Monochromacy



Original Color

43.1998, 0.2732, 0.3362

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.6456, 0.2971, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1998, 0.2732, 0.3362 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, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(130, 186, 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, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 186, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.1998, 0.2732, 0.3362 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, 186, 181) }
```

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

```
.border{ border-color:rgb(130, 186, 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, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(130, 186,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1998, 0.2732, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 186, 181) }
```

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

```
.background{ background-color: rgb(130,  
186, 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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