

Converting Colors

$Yxy(43.6061, 0.2619, 0.3324)$

Have a look what the booklet for
Yxy(43.6061, 0.2619, 0.3324)
contains.

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Color

Yxy(43.7223, 0.2622, 0.3332)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75BDBA |
| RGB | 117, 189, 186 |
| RGB Percent | 46%, 74%, 73% |
| CMY | 0.5409, 0.2589, 0.2705 |
| CMYK | 0.38, 0.00, 0.02, 0.26 |
| HSL | 178°, 35%, 60% |
| HSV | 178°, 38%, 74% |
| XYZ | 34.4057, 43.7223, 53.0914 |
| YIQ | 167.1300, -41.9490, -16.1970 |

Conversions

Conversions Part 2

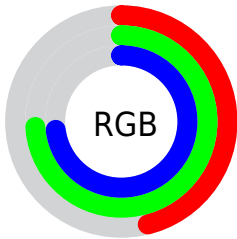
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 117, 154, 189 |
| Decimal | 7716282 |
| CIELab | 72.04, -23.15, -5.62 |
| CIELCh | 72, 23.823, 193.644 |
| Yxy | 43.7223, 0.2622, 0.3332 |
| Android (android.graphics.Color) | 4285906362 (0xFF75BDBA) |
| YUV | 167.1300, 9.3029, -43.9640 |
| Hunter-Lab | 66.1228, -22.8360, -1.3192 |

Details

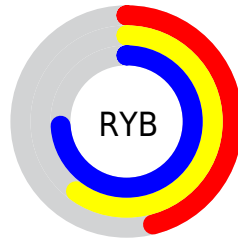
The Yxy color **43.7223, 0.2622, 0.3332** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.9152, 0.4012, 0.3251**, and the grayscale version is **38.6887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4863, 0.2712, 0.3322**, and **20.0782, 0.2479, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **42.5103, 0.2521, 0.3345**, and if you desaturate by 10%, it is **45.2023, 0.2739, 0.3320**.

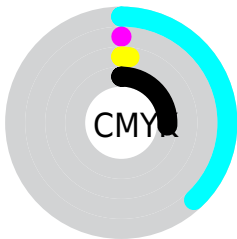
Distribution



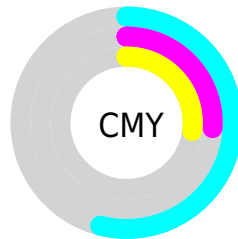
- Red (46%)
- Green (74%)
- Blue (73%)



- Red (46%)
- Yellow (60%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)




- Cyan (54%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7223, 0.2622, 0.3332 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 43.7223, 0.2622, 0.3332 by changing the saturation by 10% instead.


 43.7223, 0.2622,
0.3332


 43.7223, 0.2622,
0.3332


361.5739, 0.2874,
0.3315


 30.4523, 0.2559,
0.3335


 80.7997, 0.2713,
0.3327

 20.1821, 0.2479,
0.3338


 105.3759, 0.2748,
0.3324

 12.5275, 0.2373,
0.3341


 134.4895, 0.2777,
0.3322

 7.1040, 0.2226,
0.3342

168.5250, 0.2802,
0.3321

 3.5272, 0.2010,
0.3338

207.8668, 0.2823,
0.3319

 1.4128, 0.1650,
0.3321

252.8993, 0.2842,

 0.2261, 0.0000,

0.3317

0.2613

304.0068, 0.2859,
0.3316

0.0000, 0.0000,
0.0000

43.7223, 0.2622,
0.3332

43.7223, 0.2622,
0.3332

42.5103, 0.2521,
0.3345

45.2023, 0.2739,
0.3320

41.5450, 0.2436,
0.3358

46.9597, 0.2869,
0.3308

40.8106, 0.2371,
0.3371


49.0099, 0.3009,
0.3298


40.2869, 0.2325,
0.3385

51.3655, 0.3156,
0.3288


39.9504, 0.2296,
0.3398


54.0385, 0.3308,
0.3280

 39.7647, 0.2284,
0.3412

 57.0402, 0.3462,
0.3272

 39.7347, 0.2282,
0.3414

 60.3813, 0.3615,
0.3265

 61.4681, 0.3656,
0.3257

 61.5029, 0.3649,
0.3249

Harmonies

Analogous

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



43.7223, 0.2879, 0.3650



43.7223, 0.2622, 0.3332



43.7223, 0.2498, 0.3022

Triad

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



43.7223, 0.2622, 0.3332



43.7223, 0.3013, 0.2791



43.7223, 0.3753, 0.3747

Complementary

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



43.7223, 0.2622, 0.3332



24.9152, 0.4012, 0.3251

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.



43.7223, 0.3800, 0.3499



43.7223, 0.2622, 0.3332



43.7223, 0.3359, 0.2965

Square

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



43.7223, 0.2622, 0.3332



43.7223, 0.2714, 0.2732



43.7223, 0.3653, 0.3218



43.7223, 0.3534, 0.3889

Rectangle

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



43.7223, 0.2622, 0.3332



43.7223, 0.2503, 0.2866



43.7223, 0.3653, 0.3218



43.7223, 0.3790, 0.3672

Sweetspot

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



43.7240, 0.2622, 0.3332



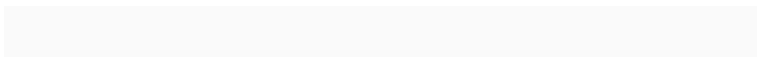
86.5823, 0.2964, 0.3301



41.7182, 0.3101, 0.4422



18.5104, 0.2945, 0.3302



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.



43.7240, 0.2622, 0.3332



76.4052, 0.2533, 0.3343



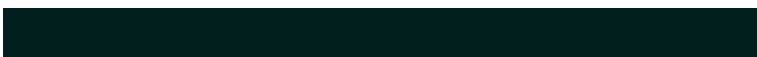
31.4495, 0.2532, 0.2791



10.8026, 0.2990, 0.3299



26.7409, 0.2281, 0.3413



1.0496, 0.2272, 0.3380

Inverse Universe

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



24.9152, 0.4012, 0.3251



37.7327, 0.4330, 0.3243



33.7373, 0.3879, 0.3737



9.5426, 0.3282, 0.3281



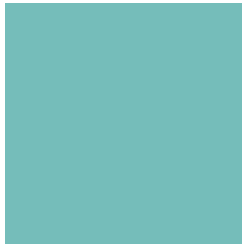
7.2935, 0.6348, 0.3271



0.2879, 0.6152, 0.3163

Previews

White Background



This preview shows how the Yxy color 43.7223, 0.2622, 0.3332 looks on a white background.

Color Contrast Check

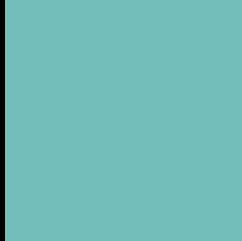
Large Text (above 18pt) WCAG AA × Fail

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 43.7223, 0.2622, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

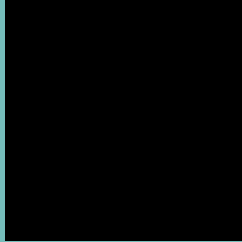
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

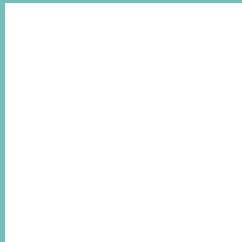
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7223, 0.2622, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 43.7223, 0.2622, 0.3332.



This preview shows how white text looks on a background with the Yxy color 43.7223, 0.2622, 0.3332.

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

43.7223, 0.2622, 0.3332

Protanopia

43.3393, 0.3129, 0.3250

Deuteranopia

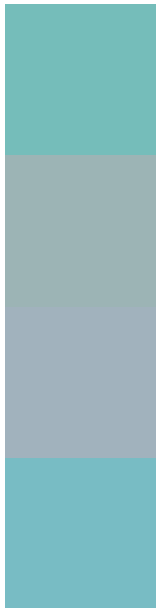
43.2826, 0.3103, 0.3045



Tritanopia

43.8699, 0.2546, 0.3076

Trichromacy



Original Color

43.7223, 0.2622, 0.3332

Protanomaly

43.0466, 0.2920, 0.3275

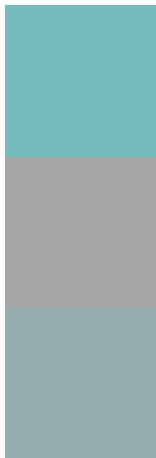
Deuteranomaly

43.0920, 0.2900, 0.3139

Tritanomaly

43.9450, 0.2578, 0.3174

Monochromacy



Original Color

43.7223, 0.2622, 0.3332

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.1055, 0.2913, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7223, 0.2622, 0.3332 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(117, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(117, 189, 186)  
}
```

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(117, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 189, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.7223, 0.2622, 0.3332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

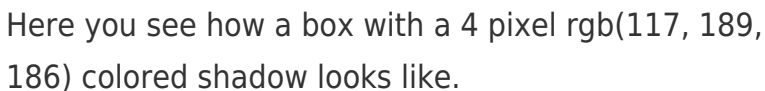
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 189, 186) }
```

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

```
.border{ border-color:rgb(117, 189, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(117, 189,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7223, 0.2622, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 189, 186) }
```

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

```
.background{ background-color: rgb(117,  
189, 186) }
```

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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