

Converting Colors

$Yxy(43.3363, 0.2670, 0.3388)$

Have a look what the booklet for
Yxy(43.3363, 0.2670, 0.3388)
contains.

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Color

Yxy(43.2957, 0.2669, 0.3392)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78BCB5 |
| RGB | 120, 188, 181 |
| RGB Percent | 47%, 74%, 71% |
| CMY | 0.5295, 0.2627, 0.2902 |
| CMYK | 0.36, 0.00, 0.04, 0.26 |
| HSL | 174°, 34%, 60% |
| HSV | 174°, 36%, 74% |
| XYZ | 34.0673, 43.2957, 50.2776 |
| YIQ | 166.8700, -38.2810, -16.5930 |

Conversions

Conversions Part 2

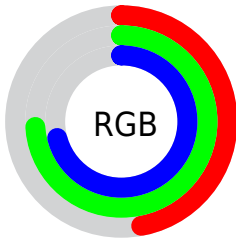
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 120, 156, 188 |
| Decimal | 7912629 |
| CIELab | 71.76, -23.09, -3.28 |
| CIElCh | 72, 23.317, 188.094 |
| Yxy | 43.2957, 0.2669, 0.3392 |
| Android (android.graphics.Color) | 4286102709 (0xFF78BCB5) |
| YUV | 166.8700, 6.9661, -41.1050 |
| Hunter-Lab | 65.7995, -22.7318, 0.7559 |

Details

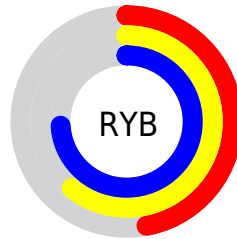
The Yxy color **43.2957, 0.2669, 0.3392** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.6527, 0.3895, 0.3194**, and the grayscale version is **38.5553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9298, 0.2752, 0.3368**, and **19.8020, 0.2540, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **42.0039, 0.2570, 0.3425**, and if you desaturate by 10%, it is **44.8560, 0.2783, 0.3361**.

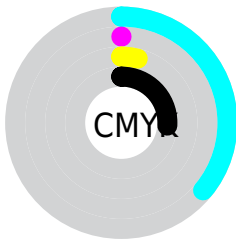
Distribution



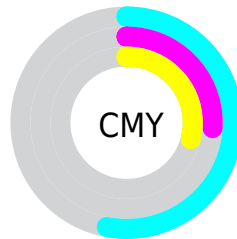
- Red (47%)
- Green (74%)
- Blue (71%)



- Red (47%)
- Yellow (61%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)




- Cyan (53%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2957, 0.2669, 0.3392 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 43.2957, 0.2669, 0.3392 by changing the saturation by 10% instead.


 43.2957, 0.2669,
0.3392


 43.2957, 0.2669,
0.3392

359.8264, 0.2899,
0.3343


 30.1172, 0.2612,
0.3404


 80.1569, 0.2753,
0.3375

 19.9276, 0.2538,
0.3418


 104.6084, 0.2784,
0.3368

 12.3424, 0.2439,
0.3437


 133.5863, 0.2810,
0.3362

 6.9773, 0.2302,
0.3461

167.4751, 0.2833,
0.3357

 3.4479, 0.2098,
0.3493

206.6591, 0.2853,
0.3353

 1.3698, 0.1743,
0.3546

251.5227, 0.2870,

 0.1943, 0.0000,

0.3349

0.3058

302.4503, 0.2885,
0.3346

0.0000, 0.0000,
0.0000

43.2957, 0.2669,
0.3392

43.2957, 0.2669,
0.3392

42.0039, 0.2570,
0.3425

44.8560, 0.2783,
0.3361

40.9598, 0.2487,
0.3459

46.6937, 0.2908,
0.3332

40.1481, 0.2422,
0.3494


48.8240, 0.3041,
0.3305

39.5494, 0.2376,
0.3529

51.2592, 0.3181,
0.3281

39.1413, 0.2349,
0.3564

54.0109, 0.3324,
0.3259


 38.8948, 0.2339,
0.3599

 57.0902, 0.3467,
0.3240

 38.8207, 0.2337,
0.3612

 60.5077, 0.3610,
0.3223

 61.2373, 0.3622,
0.3203

 61.3263, 0.3606,
0.3183

Harmonies

Analogous

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



43.2957, 0.2941, 0.3693



43.2957, 0.2669, 0.3392



43.2957, 0.2520, 0.3078

Triad

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



43.2957, 0.2669, 0.3392



43.2957, 0.2955, 0.2779



43.2957, 0.3765, 0.3700

Complementary

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



43.2957, 0.2669, 0.3392



25.6527, 0.3895, 0.3194

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.



43.2957, 0.3775, 0.3445



43.2957, 0.2669, 0.3392



43.2957, 0.3293, 0.2932

Square

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



43.2957, 0.2669, 0.3392



43.2957, 0.2678, 0.2745



43.2957, 0.3599, 0.3170



43.2957, 0.3577, 0.3863

Rectangle

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



43.2957, 0.2669, 0.3392



43.2957, 0.2505, 0.2911



43.2957, 0.3599, 0.3170



43.2957, 0.3790, 0.3621

Sweetspot

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



43.2974, 0.2669, 0.3392



86.4820, 0.2974, 0.3318



41.9079, 0.3138, 0.4346



18.4863, 0.2956, 0.3322



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.



43.2974, 0.2669, 0.3392



76.6573, 0.2593, 0.3416



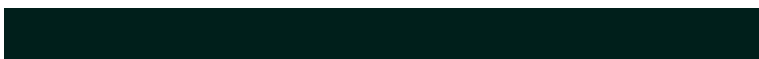
33.4391, 0.2571, 0.2892



10.7922, 0.2998, 0.3314



26.4354, 0.2336, 0.3608



1.0404, 0.2312, 0.3524

Inverse Universe

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



25.6527, 0.3895, 0.3194



40.2115, 0.4140, 0.3175



32.6235, 0.3855, 0.3654



9.5519, 0.3273, 0.3267



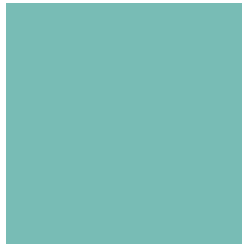
7.3175, 0.6263, 0.3224



0.2920, 0.5825, 0.2982

Previews

White Background



This preview shows how the Yxy color 43.2957, 0.2669, 0.3392 looks on a white background.

Color Contrast Check

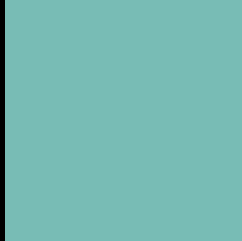
Large Text (above 18pt) WCAG AA × Fail

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 43.2957, 0.2669, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

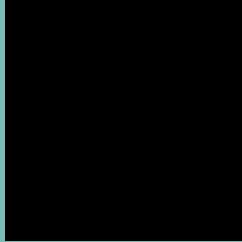
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

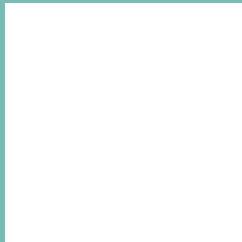
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2957, 0.2669, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 43.2957, 0.2669, 0.3392.

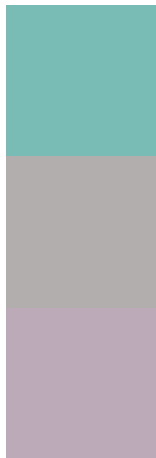


This preview shows how white text looks on a background with the Yxy color 43.2957, 0.2669, 0.3392.

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

43.2957, 0.2669, 0.3392

Protanopia

42.7542, 0.3171, 0.3304

Deuteranopia

42.9436, 0.3163, 0.3096



Tritanopia

43.2280, 0.2578, 0.3076

Trichromacy



Original Color

43.2957, 0.2669, 0.3392

Protanomaly

42.5429, 0.2965, 0.3332

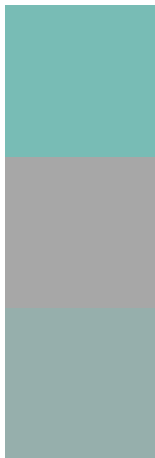
Deuteranomaly

42.6915, 0.2953, 0.3194

Tritanomaly

43.1790, 0.2610, 0.3188

Monochromacy



Original Color

43.2957, 0.2669, 0.3392

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.1225, 0.2937, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2957, 0.2669, 0.3392 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(120, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(120, 188, 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(120, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 188, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.2957, 0.2669, 0.3392 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(120, 188, 181) }
```

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

```
.border{ border-color:rgb(120, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(120, 188,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2957, 0.2669, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 188, 181) }
```

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

```
.background{ background-color: rgb(120,  
188, 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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