

Converting Colors

$Yxy(44.0897, 0.2608, 0.3219)$

Have a look what the booklet for
Yxy(44.0897, 0.2608, 0.3219)
contains.

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Color

Yxy(43.9543, 0.2608, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	7ABCC1
RGB	122, 188, 193
RGB Percent	48%, 74%, 76%
CMY	0.5215, 0.2627, 0.2432
CMYK	0.37, 0.03, 0.00, 0.24
HSL	184°, 36%, 62%
HSV	184°, 37%, 76%
XYZ	35.6335, 43.9543, 57.0436
YIQ	168.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

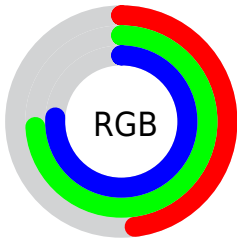
Format	Color
R _{YB}	122, 156, 193
Decimal	8043713
CIE _{Lab}	72.20, -19.63, -9.16
CIE _{LCh}	72, 21.666, 205.024
Y _{xy}	43.9543, 0.2608, 0.3217
Android (android.graphics.Color)	4286233793 (0xFF7ABCC1)
YUV	168.8360, 11.9129, -41.0752
Hunter-Lab	66.2980, -20.0825, -4.6052

Details

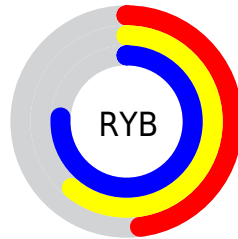
The Yxy color **43.9543, 0.2608, 0.3217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.9139, 0.3983, 0.3361**, and the grayscale version is **39.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8880, 0.2702, 0.3234**, and **20.4503, 0.2460, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **42.1093, 0.2494, 0.3194**, and if you desaturate by 10%, it is **46.0878, 0.2736, 0.3239**.

Distribution



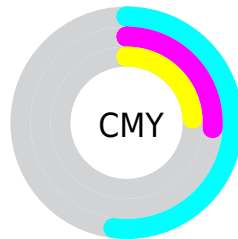
- Red (48%)
- Green (74%)
- Blue (76%)



- Red (48%)
- Yellow (61%)
- Blue (76%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)




- Cyan (52%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9543, 0.2608, 0.3217 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 43.9543, 0.2608, 0.3217 by changing the saturation by 10% instead.

 43.9543, 0.2608,
0.3217

 43.9543, 0.2608,
0.3217


362.5218, 0.2866,
0.3259


 30.6346, 0.2544,
0.3205


 81.1490, 0.2701,
0.3233

 20.3208, 0.2463,
0.3189


 105.7927, 0.2736,
0.3239

 12.6284, 0.2356,
0.3165


 134.9799, 0.2766,
0.3244

 7.1732, 0.2208,
0.3129

169.0950, 0.2792,
0.3248

 3.5706, 0.1993,
0.3068

208.5223, 0.2814,
0.3251

 1.4364, 0.1653,
0.2952

253.6463, 0.2833,

 0.2433, 0.0000,

0.3254

0.2118

304.8513, 0.2851,
0.3257

0.0000, 0.0000,
0.0000

43.9543, 0.2608,
0.3217

43.9543, 0.2608,
0.3217

42.1093, 0.2494,
0.3194

46.0878, 0.2736,
0.3239

40.5311, 0.2397,
0.3171

48.5200, 0.2875,
0.3259

39.2029, 0.2318,
0.3147

51.2668, 0.3024,
0.3278

38.1040, 0.2258,
0.3123

54.3415, 0.3177,
0.3295


37.2101, 0.2217,
0.3100

57.7564, 0.3334,
0.3311

 36.4887, 0.2192,
0.3077

 61.5236, 0.3491,
0.3325

 36.2729, 0.2186,
0.3069

 65.2548, 0.3629,
0.3338

 65.8735, 0.3625,
0.3352

 66.4977, 0.3622,
0.3366

Harmonies

Analogous

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



43.9543, 0.2802, 0.3513



43.9543, 0.2608, 0.3217



43.9543, 0.2548, 0.2961

Triad

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



43.9543, 0.2608, 0.3217



43.9543, 0.3143, 0.2884



43.9543, 0.3637, 0.3770

Complementary

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



43.9543, 0.2608, 0.3217



27.9139, 0.3983, 0.3361

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.



43.9543, 0.3742, 0.3575



43.9543, 0.2608, 0.3217



43.9543, 0.3450, 0.3076

Square

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



43.9543, 0.2608, 0.3217



43.9543, 0.2845, 0.2787



43.9543, 0.3674, 0.3323



43.9543, 0.3394, 0.3842

Rectangle

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



43.9543, 0.2608, 0.3217



43.9543, 0.2588, 0.2847



43.9543, 0.3674, 0.3323



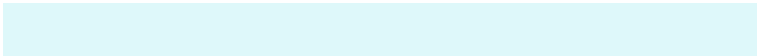
43.9543, 0.3690, 0.3716

Sweetspot

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



43.9560, 0.2608, 0.3217



89.6094, 0.2958, 0.3270



43.7935, 0.3045, 0.4314



19.0802, 0.2937, 0.3267



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.9560, 0.2608, 0.3217



76.0879, 0.2517, 0.3199



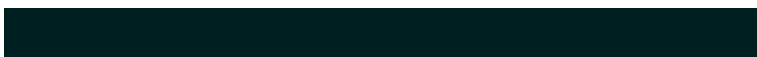
30.6923, 0.2532, 0.2680



11.3037, 0.2984, 0.3273



24.1810, 0.2187, 0.3072



1.0816, 0.2201, 0.3124

Inverse Universe

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



28.8870, 0.3221, 0.2447



45.4680, 0.3244, 0.2276



38.6596, 0.3809, 0.3829



10.2350, 0.3148, 0.3079



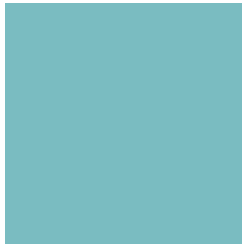
9.7233, 0.3391, 0.1642



0.4238, 0.3346, 0.1617

Previews

White Background



This preview shows how the Yxy color 43.9543, 0.2608, 0.3217 looks on a white background.

Color Contrast Check

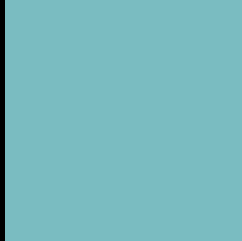
Large Text (above 18pt) WCAG AA × Fail

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 43.9543, 0.2608, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

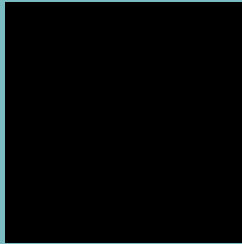
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

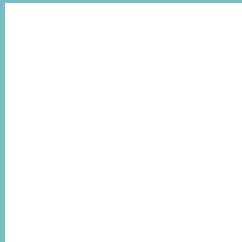
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9543, 0.2608, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 43.9543, 0.2608, 0.3217.



This preview shows how white text looks on a background with the Yxy color 43.9543, 0.2608, 0.3217.

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

43.9543, 0.2608, 0.3217

Protanopia

43.5098, 0.3064, 0.3157

Deuteranopia

43.6809, 0.3037, 0.2982



Tritanopia

44.0900, 0.2564, 0.3077

Trichromacy



Original Color

43.9543, 0.2608, 0.3217

Protanomaly

43.4415, 0.2876, 0.3179

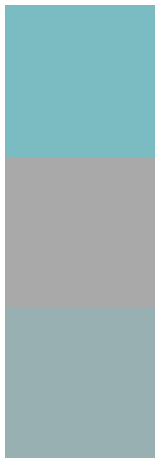
Deuteranomaly

43.3580, 0.2856, 0.3060

Tritanomaly

43.8751, 0.2576, 0.3118

Monochromacy



Original Color

43.9543, 0.2608, 0.3217

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.9404, 0.2908, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9543, 0.2608, 0.3217 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(122, 188, 193)` looks like.

```
.text, #text, p{  
    color:rgb(122, 188, 193)  
}
```

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(122, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 188, 193) }
```

Border

The CSS property to change the border of an element to Yxy 43.9543, 0.2608, 0.3217 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(122, 188, 193) }
```

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

```
.border{ border-color:rgb(122, 188, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(122, 188,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9543, 0.2608, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 188, 193) }
```

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

```
.background{ background-color: rgb(122,  
188, 193) }
```

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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