

Converting Colors

$Yxy(47.7818, 0.2690, 0.3208)$

Have a look what the booklet for
Yxy(47.7818, 0.2690, 0.3208)
contains.

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Color

Yxy(47.7524, 0.2688, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	8BC1C7
RGB	139, 193, 199
RGB Percent	55%, 76%, 78%
CMY	0.4549, 0.2431, 0.2197
CMYK	0.30, 0.03, 0.00, 0.22
HSL	186°, 35%, 66%
HSV	186°, 30%, 78%
XYZ	40.0245, 47.7524, 61.1237
YIQ	177.5380, -34.1100, -9.5820

Conversions

Conversions Part 2

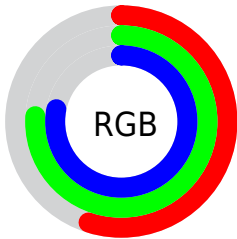
Format	Color
RYB	139, 167, 199
Decimal	9159111
CIELab	74.67, -16.04, -8.66
CIELCh	75, 18.230, 208.364
Yxy	47.7524, 0.2688, 0.3207
Android (android.graphics.Color)	4287349191 (0xFF8BC1C7)
YUV	177.5380, 10.5808, -33.7978
Hunter-Lab	69.1031, -17.5434, -4.0715

Details

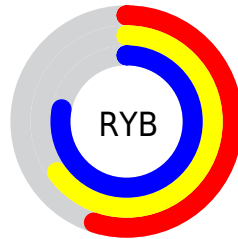
The Yxy color $47.7524, 0.2688, 0.3207$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.2469, 0.3773, 0.3371$, and the grayscale version is $44.2219, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0605, 0.2769, 0.3236$, and $22.4880, 0.2567, 0.3174$ is the 20% darker color. If you saturate the color by 10%, you get $45.3246, 0.2562, 0.3176$, and if you desaturate by 10%, it is $50.5075, 0.2826, 0.3237$.

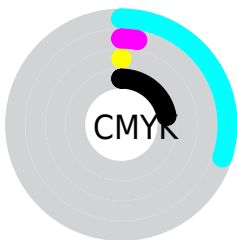
Distribution



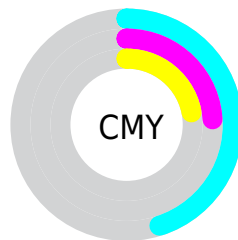
- Red (55%)
- Green (76%)
- Blue (78%)



- Red (55%)
- Yellow (65%)
- Blue (78%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)





- Cyan (45%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7524, 0.2688, 0.3207 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 47.7524, 0.2688, 0.3207 by changing the saturation by 10% instead.


 47.7524, 0.2688,
0.3207

 47.7524, 0.2688,
0.3207


377.8099, 0.2904,
0.3252

 33.6308, 0.2635,
0.3195


 86.8356, 0.2765,
0.3224

 22.6102, 0.2569,
0.3179


 112.5661, 0.2795,
0.3230

 14.3059, 0.2481,
0.3156

 142.9350, 0.2820,
0.3235

 8.3337, 0.2361,
0.3123

178.3268, 0.2841,
0.3240

 4.3092, 0.2188,
0.3070

219.1257, 0.2860,
0.3243

 1.8480, 0.1918,
0.2975

265.7163, 0.2876,

 0.5168, 0.0554,

0.3247

0.2872

318.4829, 0.2891,
0.3249

0.0000, 0.0000,
0.0000

47.7524, 0.2688,
0.3207

47.7524, 0.2688,
0.3207

45.3246, 0.2562,
0.3176

50.5075, 0.2826,
0.3237

43.2013, 0.2450,
0.3143

53.5998, 0.2973,
0.3264

41.3659, 0.2355,
0.3109

57.0459, 0.3125,
0.3290

39.7978, 0.2279,
0.3075


60.8595, 0.3281,
0.3313

38.4734, 0.2222,
0.3040


65.0537, 0.3437,
0.3333

 37.3647, 0.2183,
0.3006

 68.9914, 0.3564,
0.3352

 36.4303, 0.2159,
0.2973

 69.9442, 0.3560,
0.3372

 70.9091, 0.3555,
0.3393

 71.8861, 0.3551,
0.3413

Harmonies

Analogous

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



47.7524, 0.2838, 0.3446



47.7524, 0.2688, 0.3207



47.7524, 0.2651, 0.3004

Triad

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



47.7524, 0.2688, 0.3207



47.7524, 0.3171, 0.2968



47.7524, 0.3528, 0.3697

Complementary

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



47.7524, 0.2688, 0.3207



34.2469, 0.3773, 0.3371

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.



47.7524, 0.3627, 0.3549



47.7524, 0.2688, 0.3207



47.7524, 0.3417, 0.3135

Square

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



47.7524, 0.2688, 0.3207



47.7524, 0.2921, 0.2878



47.7524, 0.3586, 0.3344



47.7524, 0.3321, 0.3738

Rectangle

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



47.7524, 0.2688, 0.3207



47.7524, 0.2694, 0.2915



47.7524, 0.3586, 0.3344



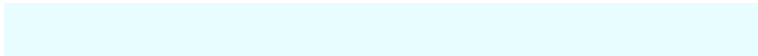
47.7524, 0.3575, 0.3657

Sweetspot

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



47.7543, 0.2688, 0.3207



94.4554, 0.2988, 0.3267



48.3383, 0.3053, 0.4088



20.0360, 0.2966, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.7543, 0.2688, 0.3207



80.8558, 0.2606, 0.3187



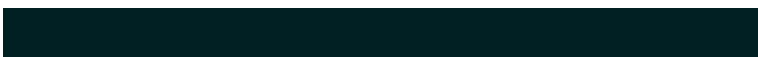
36.1610, 0.2641, 0.2791



11.8801, 0.2984, 0.3266



23.5053, 0.2160, 0.2977



1.1665, 0.2180, 0.3048

Inverse Universe

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



34.4569, 0.3219, 0.2616



54.1709, 0.3242, 0.2474



44.2705, 0.3664, 0.3742



10.7977, 0.3153, 0.3085



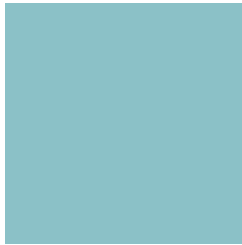
9.9129, 0.3474, 0.1687



0.4748, 0.3412, 0.1653

Previews

White Background



This preview shows how the Yxy color 47.7524, 0.2688, 0.3207 looks on a white background.

Color Contrast Check

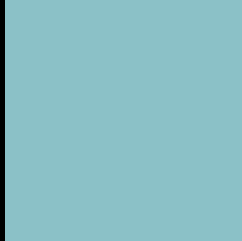
Large Text (above 18pt) WCAG AA × Fail

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 47.7524, 0.2688, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

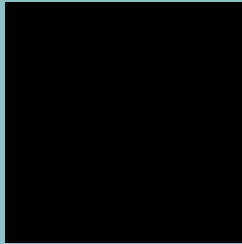
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

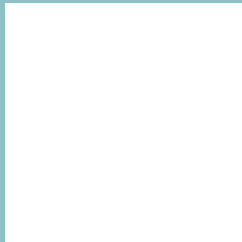
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7524, 0.2688, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 47.7524, 0.2688, 0.3207.



This preview shows how white text looks on a background with the Yxy color 47.7524, 0.2688, 0.3207.

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

47.7524, 0.2688, 0.3207

Protanopia

47.4520, 0.3066, 0.3162

Deuteranopia

47.3115, 0.3056, 0.2993



Tritanopia

47.8670, 0.2650, 0.3087

Trichromacy



Original Color

47.7524, 0.2688, 0.3207

Protanomaly

47.3828, 0.2915, 0.3171

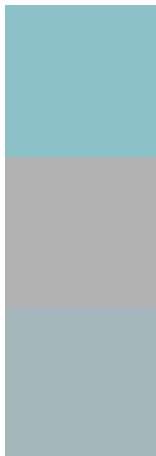
Deuteranomaly

46.9683, 0.2910, 0.3057

Tritanomaly

47.6344, 0.2662, 0.3126

Monochromacy



Original Color

47.7524, 0.2688, 0.3207

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.3047, 0.2948, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7524, 0.2688, 0.3207 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(139, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 193, 199)  
}
```

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(139, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 193, 199) }
```

Border

The CSS property to change the border of an element to Yxy 47.7524, 0.2688, 0.3207 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(139, 193, 199) }
```

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

```
.border{ border-color:rgb(139, 193, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 193,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7524, 0.2688, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 193, 199) }
```

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

```
.background{ background-color: rgb(139,  
193, 199) }
```

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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