

Converting Colors

Yxy(54.5441, 0.2768, 0.3320)

Have a look what the booklet for
Yxy(54.5441, 0.2768, 0.3320)
contains.

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Color

Yxy(54.6023, 0.2770, 0.3328)

Conversions

Conversions Part 1	
Format	Color
Hex	98CDCA
RGB	152, 205, 202
RGB Percent	60%, 80%, 79%
CMY	0.4037, 0.1961, 0.2078
CMYK	0.26, 0.00, 0.01, 0.20
HSL	177°, 35%, 70%
HSV	177°, 26%, 80%
XYZ	45.4472, 54.6023, 64.0199
YIQ	188.8110, -30.6250, -12.1690

Conversions

Conversions Part 2

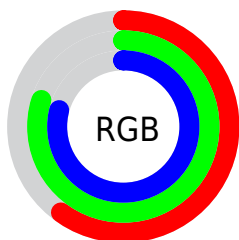
Format	Color
RYB	152, 179, 205
Decimal	10014154
CIELab	78.81, -17.69, -4.08
CIElCh	79, 18.151, 193.000
Yxy	54.6023, 0.2770, 0.3328
Android (android.graphics.Color)	4288204234 (0xFF98CDCA)
YUV	188.8110, 6.5022, -32.2832
Hunter-Lab	73.8934, -19.5291, 0.3576

Details

The Yxy color **54.6023, 0.2770, 0.3328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8190, 0.3641, 0.3253**, and the grayscale version is **50.7569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **26.9240, 0.2676, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **52.7389, 0.2651, 0.3345**, and if you desaturate by 10%, it is **56.8124, 0.2901, 0.3312**.

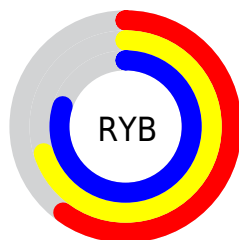
Distribution



Red (60%)

Green (80%)

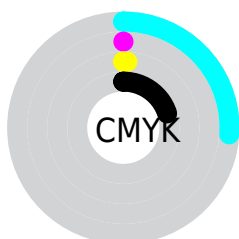
Blue (79%)



Red (60%)

Yellow (70%)

Blue (80%)

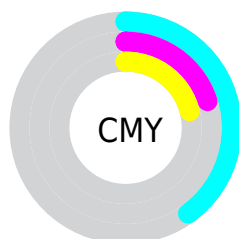


Cyan (26%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (40%)

Magenta (20%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6023, 0.2770, 0.3328 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 54.6023, 0.2770, 0.3328 by changing the saturation by 10% instead.


 54.6023, 0.2770,
0.3328


 54.6023, 0.2770,
0.3328


404.4026, 0.2942,
0.3311

 39.0834, 0.2729,
0.3331


 96.9580, 0.2831,
0.3323

 26.8246, 0.2677,
0.3336


 124.5636, 0.2855,
0.3320

 17.4415, 0.2609,
0.3340


156.9669, 0.2875,
0.3318

 10.5498, 0.2518,
0.3346

194.5523, 0.2892,
0.3317

 5.7650, 0.2388,
0.3352

237.7042, 0.2907,
0.3315

 2.7027, 0.2190,
0.3357

286.8069, 0.2920,


 0.9786, 0.1723,


0.3314

0.3404


342.2449, 0.2932,
0.3313


 0.0000, 0.0000,
0.0000


 54.6023, 0.2770,
0.3328


 54.6023, 0.2770,
0.3328


 52.7389, 0.2651,
0.3345


 56.8124, 0.2901,
0.3312


 51.1981, 0.2547,
0.3362


 59.3789, 0.3042,
0.3298

 49.9628, 0.2460,
0.3381


 62.3192, 0.3189,
0.3285


 49.0119, 0.2391,
0.3399


 65.6479, 0.3340,
0.3273


 48.3216, 0.2342,
0.3418


 69.3784, 0.3492,
0.3262

 47.8641, 0.2312,
0.3437

 69.5214, 0.3487,
0.3251

 47.6050, 0.2298,
0.3456

 69.5791, 0.3478,
0.3239

 47.5281, 0.2295,
0.3463

 69.6372, 0.3469,
0.3227

 69.6956, 0.3460,
0.3215

Harmonies

Analogous

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



54.6023, 0.2958, 0.3545



54.6023, 0.2770, 0.3328



54.6023, 0.2676, 0.3109

Triad

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



54.6023, 0.2770, 0.3328



54.6023, 0.3043, 0.2928



54.6023, 0.3573, 0.3616

Complementary

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



54.6023, 0.2770, 0.3328



37.8190, 0.3641, 0.3253

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.



54.6023, 0.3600, 0.3441



54.6023, 0.2770, 0.3328



54.6023, 0.3288, 0.3053

Square

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



54.6023, 0.2770, 0.3328



54.6023, 0.2829, 0.2889



54.6023, 0.3494, 0.3238



54.6023, 0.3423, 0.3711

Rectangle

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



54.6023, 0.2770, 0.3328



54.6023, 0.2678, 0.2995



54.6023, 0.3494, 0.3238



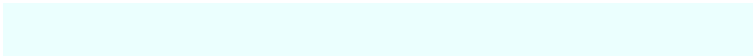
54.6023, 0.3597, 0.3564

Sweetspot

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



54.6045, 0.2770, 0.3328



96.2600, 0.3009, 0.3301



52.9547, 0.3119, 0.4016



20.4627, 0.2988, 0.3303



0.0000, 0.0000, 0.0000



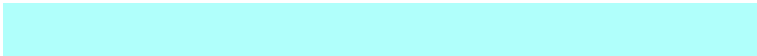
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6045, 0.2770, 0.3328



87.6796, 0.2702, 0.3337



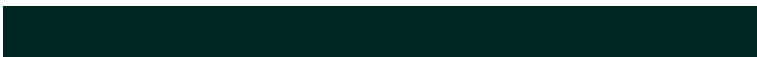
44.5648, 0.2724, 0.2981



12.7157, 0.2991, 0.3303



29.5946, 0.2295, 0.3461



1.5302, 0.2285, 0.3424

Inverse Universe

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



37.8190, 0.3641, 0.3253



55.6036, 0.3796, 0.3245



45.9040, 0.3601, 0.3580



11.2238, 0.3281, 0.3277



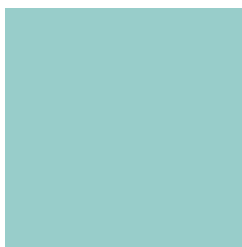
8.1005, 0.6333, 0.3262



0.4216, 0.6112, 0.3141

Previews

White Background



This preview shows how the Yxy color 54.6023, 0.2770, 0.3328 looks on a white background.

Color Contrast Check

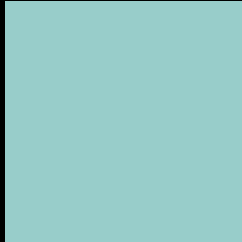
Large Text (above 18pt) WCAG AA × Fail

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 54.6023, 0.2770, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

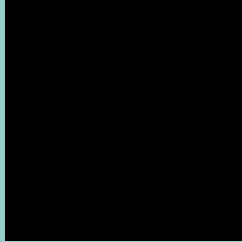
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

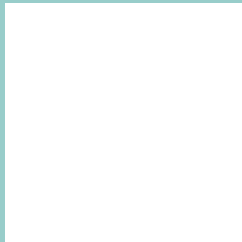
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6023, 0.2770, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 54.6023, 0.2770, 0.3328.

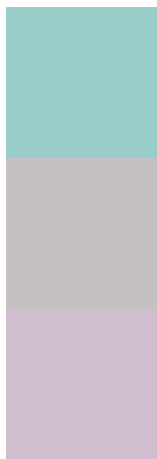


This preview shows how white text looks on a background with the Yxy color 54.6023, 0.2770, 0.3328.

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

54.6023, 0.2770, 0.3328

Protanopia

53.9504, 0.3144, 0.3266

Deuteranopia

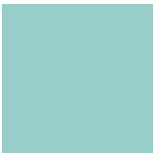
54.2129, 0.3160, 0.3102



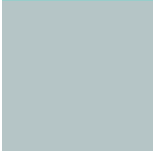
Tritanopia

54.4235, 0.2689, 0.3074

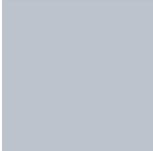
Trichromacy



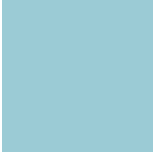
Original Color
54.6023, 0.2770, 0.3328



Protanomaly
53.8335, 0.2996, 0.3277

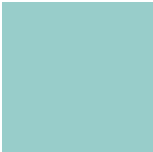


Deuteranomaly
54.0812, 0.3007, 0.3179

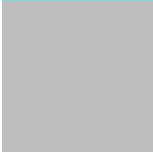


Tritanomaly
54.4845, 0.2720, 0.3161

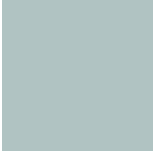
Monochromacy



Original Color
54.6023, 0.2770, 0.3328



Achromatopsia
50.8881, 0.3127, 0.3290



Achromatomaly
52.1554, 0.2986, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6023, 0.2770, 0.3328 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(152, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(152, 205, 202)  
}
```

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(152, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 205, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.6023, 0.2770, 0.3328 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(152, 205, 202) }
```

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

```
.border{ border-color:rgb(152, 205, 202) }
```

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

Here you see how a box with a 4 pixel rgb(152, 205, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(152, 205,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6023, 0.2770, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 205, 202) }
```

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

```
.background{ background-color: rgb(152,  
205, 202) }
```

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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