

Converting Colors

$Yxy(54.8291, 0.2777, 0.3264)$

Have a look what the booklet for
Yxy(54.8291, 0.2777, 0.3264)
contains.

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Color

Yxy(54.8101, 0.2777, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	9DCCCE
RGB	157, 204, 206
RGB Percent	62%, 80%, 81%
CMY	0.3841, 0.2000, 0.1921
CMYK	0.24, 0.01, 0.00, 0.19
HSL	182°, 33%, 71%
HSV	182°, 24%, 81%
XYZ	46.6465, 54.8101, 66.5179
YIQ	190.1750, -28.6540, -9.3420

Conversions

Conversions Part 2

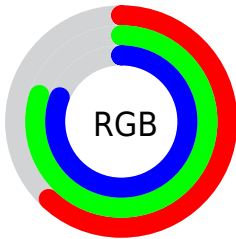
Format	Color
RYB	157, 181, 206
Decimal	10341582
CIELab	78.93, -14.79, -6.03
CIELCh	79, 15.975, 202.167
Yxy	54.8101, 0.2777, 0.3263
Android (android.graphics.Color)	4288531662 (0xFF9DCCCE)
YUV	190.1750, 7.8017, -29.0945
Hunter-Lab	74.0338, -17.0917, -1.4472

Details

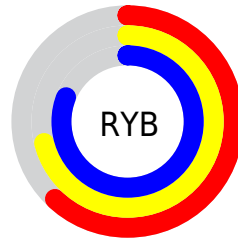
The Yxy color **54.8101, 0.2777, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3805, 0.3611, 0.3317**, and the grayscale version is **51.5724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **27.0227, 0.2683, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **52.5087, 0.2647, 0.3250**, and if you desaturate by 10%, it is **57.4675, 0.2919, 0.3275**.

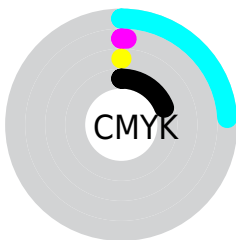
Distribution



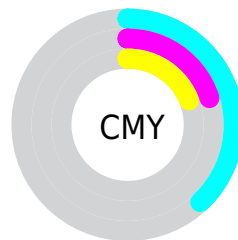
- Red (62%)
- Green (80%)
- Blue (81%)



- Red (62%)
- Yellow (71%)
- Blue (81%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)





- Cyan (38%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8101, 0.2777, 0.3263 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 54.8101, 0.2777, 0.3263 by changing the saturation by 10% instead.


 54.8101, 0.2777,
0.3263


 54.8101, 0.2777,
0.3263


405.1917, 0.2946,
0.3278

 39.2497, 0.2737,
0.3259


 97.2627, 0.2837,
0.3269

 26.9540, 0.2686,
0.3253


 124.9236, 0.2860,
0.3271

 17.5387, 0.2620,
0.3245


157.3869, 0.2879,
0.3273

 10.6193, 0.2532,
0.3233

195.0369, 0.2896,
0.3274

 5.8115, 0.2406,
0.3213

238.2579, 0.2911,
0.3276

 2.7308, 0.2215,
0.3178

287.4345, 0.2924,

 0.9929, 0.1823,

0.3277

0.3128

342.9509, 0.2935,
0.3278

0.0000, 0.0000,
0.0000

54.8101, 0.2777,
0.3263

54.8101, 0.2777,
0.3263

52.5087, 0.2647,
0.3250

57.4675, 0.2919,
0.3275

50.5392, 0.2531,
0.3237

60.4906, 0.3069,
0.3286

48.8848, 0.2432,
0.3223

63.8968, 0.3225,
0.3296

47.5245, 0.2351,
0.3210

67.7006, 0.3384,
0.3305

46.4347, 0.2289,
0.3196

70.9431, 0.3503,
0.3314

■ 45.5885, 0.2246,
0.3182

■ 71.3586, 0.3502,
0.3323

■ 44.9529, 0.2221,
0.3168

■ 71.7764, 0.3500,
0.3331

■ 44.6269, 0.2211,
0.3160

■ 72.1964, 0.3498,
0.3340

■ 72.6186, 0.3497,
0.3348

Harmonies

Analogous

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



54.8101, 0.2921, 0.3460



54.8101, 0.2777, 0.3263



54.8101, 0.2724, 0.3082

Triad

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



54.8101, 0.2777, 0.3263



54.8101, 0.3120, 0.2996



54.8101, 0.3489, 0.3612

Complementary

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



54.8101, 0.2777, 0.3263



40.3805, 0.3611, 0.3317

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.



54.8101, 0.3548, 0.3477



54.8101, 0.2777, 0.3263



54.8101, 0.3331, 0.3127

Square

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



54.8101, 0.2777, 0.3263



54.8101, 0.2917, 0.2937



54.8101, 0.3489, 0.3300



54.8101, 0.3332, 0.3665

Rectangle

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



54.8101, 0.2777, 0.3263



54.8101, 0.2746, 0.2996



54.8101, 0.3489, 0.3300



54.8101, 0.3521, 0.3574

Sweetspot

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



54.8123, 0.2777, 0.3263



96.3021, 0.3018, 0.3282



53.8128, 0.3085, 0.3932



20.5475, 0.3009, 0.3282



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.



54.8123, 0.2777, 0.3263



86.6416, 0.2703, 0.3256



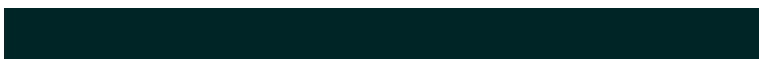
44.2327, 0.2751, 0.2942



12.6447, 0.2984, 0.3280



27.5136, 0.2212, 0.3162



1.4445, 0.2219, 0.3188

Inverse Universe

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



41.6152, 0.3172, 0.2726



61.3534, 0.3184, 0.2593



49.4939, 0.3543, 0.3615



11.3955, 0.3144, 0.3071



10.5805, 0.3314, 0.1599



0.5484, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 54.8101, 0.2777, 0.3263 looks on a white background.

Color Contrast Check

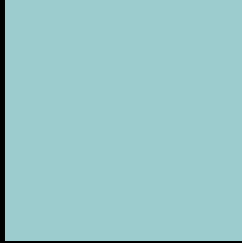
Large Text (above 18pt) WCAG AA × Fail

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 54.8101, 0.2777, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

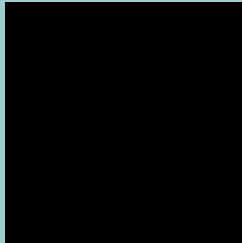
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

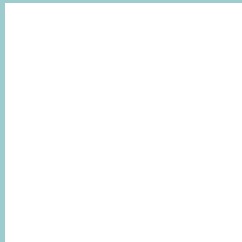
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8101, 0.2777, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 54.8101, 0.2777, 0.3263.



This preview shows how white text looks on a background with the Yxy color 54.8101, 0.2777, 0.3263.

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

54.8101, 0.2777, 0.3263

Protanopia

54.6240, 0.3107, 0.3217

Deuteranopia

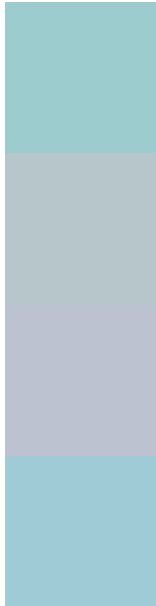
54.2640, 0.3122, 0.3056



Tritanopia

54.7766, 0.2721, 0.3088

Trichromacy



Original Color

54.8101, 0.2777, 0.3263

Protanomaly

54.5975, 0.2976, 0.3240

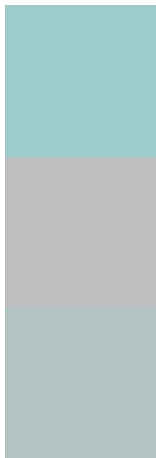
Deuteranomaly

53.9565, 0.2987, 0.3119

Tritanomaly

54.9378, 0.2740, 0.3150

Monochromacy



Original Color

54.8101, 0.2777, 0.3263

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.4807, 0.2987, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8101, 0.2777, 0.3263 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(157, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 206)  
}
```

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(157, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.8101, 0.2777, 0.3263 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(157, 204, 206) }
```

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

```
.border{ border-color:rgb(157, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 204, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 204, 206); box-shadow:4px 4px 4px 4px rgb(157, 204, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8101, 0.2777, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 206) }
```

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

```
.background{ background-color: rgb(157,  
204, 206) }
```

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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