

Converting Colors

$Yxy(55.7894, 0.2773, 0.3225)$

Have a look what the booklet for
Yxy(55.7894, 0.2773, 0.3225)
contains.

Yxy(55.7894, 0.2773, 0.3225)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.7894, 0.2773, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	A0CDD2
RGB	160, 205, 210
RGB Percent	63%, 80%, 82%
CMY	0.3724, 0.1961, 0.1764
CMYK	0.24, 0.02, 0.00, 0.18
HSL	186°, 36%, 73%
HSV	186°, 24%, 82%
XYZ	47.9702, 55.7894, 69.2308
YIQ	192.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

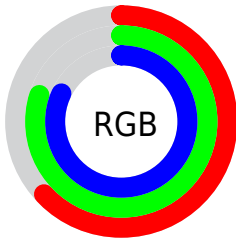
Format	Color
R _{YB}	160, 184, 210
Decimal	10538450
CIE Lab	79.49, -13.52, -7.33
CIE LCh	79, 15.383, 208.478
Yxy	55.7894, 0.2773, 0.3225
Android (android.graphics.Color)	4288728530 (0xFFFA0CDD2)
YUV	192.1150, 8.8173, -28.1649
Hunter-Lab	74.6923, -16.0720, -2.6701

Details

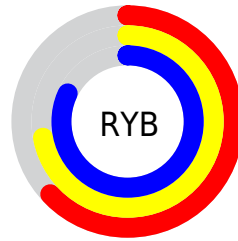
The Yxy color **55.7894, 0.2773, 0.3225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1846, 0.3604, 0.3354**, and the grayscale version is **52.7494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **27.6593, 0.2678, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **52.8005, 0.2639, 0.3194**, and if you desaturate by 10%, it is **59.1622, 0.2917, 0.3254**.

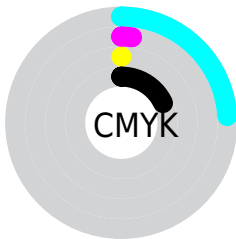
Distribution



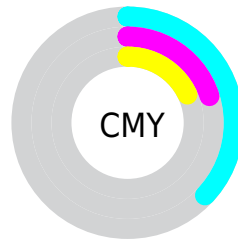
- Red (63%)
- Green (80%)
- Blue (82%)



- Red (63%)
- Yellow (72%)
- Blue (82%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)





- Cyan (37%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7894, 0.2773, 0.3225 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 55.7894, 0.2773, 0.3225 by changing the saturation by 10% instead.


 55.7894, 0.2773,
0.3225


 55.7894, 0.2773,
0.3225


408.8973, 0.2943,
0.3259

 40.0341, 0.2733,
0.3216


 98.6966, 0.2833,
0.3238

 27.5651, 0.2682,
0.3205


 126.6173, 0.2856,
0.3242

 17.9981, 0.2616,
0.3189


159.3619, 0.2876,
0.3246

 10.9486, 0.2528,
0.3167


197.3148, 0.2893,
0.3249

 6.0323, 0.2404,
0.3134

240.8604, 0.2908,
0.3252

 2.8647, 0.2216,
0.3078

290.3831, 0.2921,

 1.0615, 0.1875,

0.3255

0.2976

346.2673, 0.2933,
0.3257

0.0000, 0.0000,
0.0000

55.7894, 0.2773,
0.3225

55.7894, 0.2773,
0.3225

52.8005, 0.2639,
0.3194

59.1622, 0.2917,
0.3254

50.1703, 0.2517,
0.3162

62.9293, 0.3069,
0.3281

47.8810, 0.2411,
0.3128

67.1090, 0.3224,
0.3305

45.9107, 0.2323,
0.3093

71.7163, 0.3380,
0.3327

44.2346, 0.2254,
0.3058

74.8080, 0.3460,
0.3347

■ 42.8242, 0.2203,
0.3023

■ 75.8965, 0.3456,
0.3369

■ 41.6449, 0.2171,
0.2989

■ 76.9990, 0.3452,
0.3390

■ 40.9925, 0.2158,
0.2968

■ 78.1156, 0.3449,
0.3411

■ 79.2463, 0.3445,
0.3432

Harmonies

Analogous

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



55.7894, 0.2895, 0.3415



55.7894, 0.2773, 0.3225



55.7894, 0.2743, 0.3062

Triad

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



55.7894, 0.2773, 0.3225



55.7894, 0.3164, 0.3030



55.7894, 0.3448, 0.3617

Complementary

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



55.7894, 0.2773, 0.3225



43.1846, 0.3604, 0.3354

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.



55.7894, 0.3527, 0.3501



55.7894, 0.2773, 0.3225



55.7894, 0.3360, 0.3167

Square

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



55.7894, 0.2773, 0.3225



55.7894, 0.2963, 0.2957



55.7894, 0.3494, 0.3337



55.7894, 0.3284, 0.3646

Rectangle

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



55.7894, 0.2773, 0.3225



55.7894, 0.2778, 0.2989



55.7894, 0.3494, 0.3337



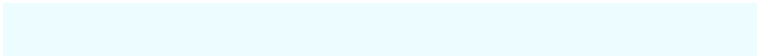
55.7894, 0.3486, 0.3586

Sweetspot

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



55.7917, 0.2773, 0.3225



95.6282, 0.3018, 0.3272



56.3036, 0.3063, 0.3888



20.3909, 0.3009, 0.3270



0.0000, 0.0000, 0.0000



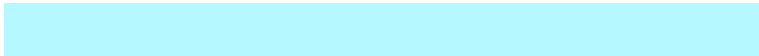
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7917, 0.2773, 0.3225



83.9076, 0.2697, 0.3208



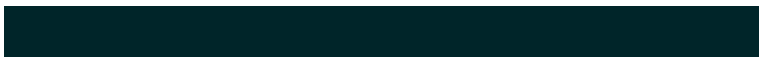
44.7904, 0.2746, 0.2896



13.1950, 0.2983, 0.3266



25.0820, 0.2159, 0.2973



1.4626, 0.2177, 0.3036

Inverse Universe

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



43.2700, 0.3198, 0.2758



61.0774, 0.3217, 0.2632



53.0874, 0.3535, 0.3655



11.9877, 0.3153, 0.3084



10.6033, 0.3478, 0.1690



0.5989, 0.3423, 0.1659

Previews

White Background



This preview shows how the Yxy color 55.7894, 0.2773, 0.3225 looks on a white background.

Color Contrast Check

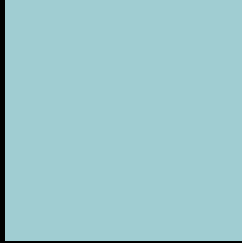
Large Text (above 18pt) WCAG AA × Fail

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 55.7894, 0.2773, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

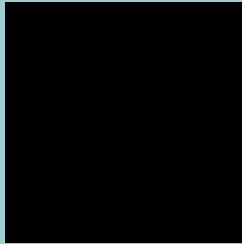
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

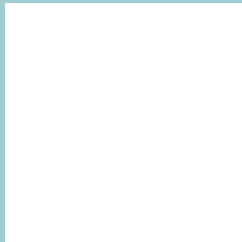
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7894, 0.2773, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 55.7894, 0.2773, 0.3225.



This preview shows how white text looks on a background with the Yxy color 55.7894, 0.2773, 0.3225.

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

55.7894, 0.2773, 0.3225

Protanopia

55.3956, 0.3085, 0.3182

Deuteranopia

55.4756, 0.3099, 0.3035



Tritanopia

55.5606, 0.2723, 0.3077

Trichromacy



Original Color

55.7894, 0.2773, 0.3225

Protanomaly

55.4934, 0.2963, 0.3204

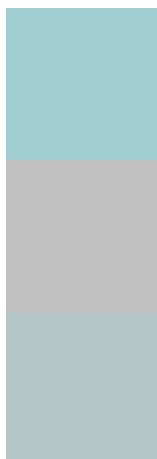
Deuteranomaly

55.3097, 0.2974, 0.3097

Tritanomaly

55.7207, 0.2742, 0.3138

Monochromacy



Original Color

55.7894, 0.2773, 0.3225

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7593, 0.2981, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7894, 0.2773, 0.3225 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(160, 205, 210)` looks like.

```
.text, #text, p{  
    color:rgb(160, 205, 210)  
}
```

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(160, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 205, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.7894, 0.2773, 0.3225 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(160, 205, 210) }
```

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

```
.border{ border-color:rgb(160, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(160, 205,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7894, 0.2773, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 205, 210) }
```

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

```
.background{ background-color: rgb(160,  
205, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor