

Converting Colors

$Yxy(56.9349, 0.2723, 0.3385)$

Have a look what the booklet for
Yxy(56.9349, 0.2723, 0.3385)
contains.

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Color

Yxy(56.9679, 0.2722, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	91D3CC
RGB	145, 211, 204
RGB Percent	57%, 83%, 80%
CMY	0.4311, 0.1726, 0.2000
CMYK	0.31, 0.00, 0.03, 0.17
HSL	174°, 43%, 70%
HSV	174°, 31%, 83%
XYZ	45.8777, 56.9679, 65.6985
YIQ	190.4680, -37.0890, -16.1690

Conversions

Conversions Part 2

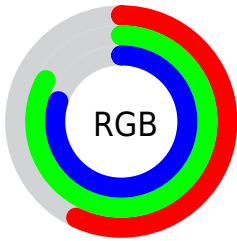
Format	Color
RYB	145, 180, 211
Decimal	9556940
CIELab	80.16, -22.27, -3.21
CIELCh	80, 22.504, 188.194
Yxy	56.9679, 0.2722, 0.3380
Android (android.graphics.Color)	4287747020 (0xFF91D3CC)
YUV	190.4680, 6.6713, -39.8754
Hunter-Lab	75.4771, -23.5861, 1.2254

Details

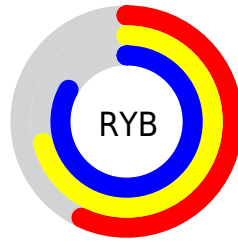
The Yxy color **56.9679, 0.2722, 0.3380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3880, 0.3757, 0.3204**, and the grayscale version is **51.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **28.2031, 0.2613, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **55.1203, 0.2615, 0.3413**, and if you desaturate by 10%, it is **59.1776, 0.2842, 0.3349**.

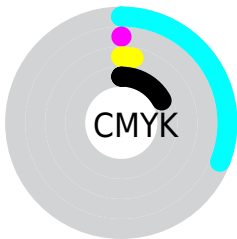
Distribution



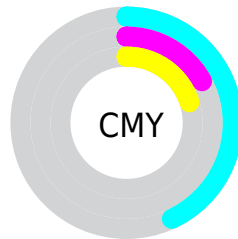
- Red (57%)
- Green (83%)
- Blue (80%)



- Red (57%)
- Yellow (71%)
- Blue (83%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)




- Cyan (43%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9679, 0.2722, 0.3380 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 56.9679, 0.2722, 0.3380 by changing the saturation by 10% instead.


 56.9679, 0.2722,
0.3380


 56.9679, 0.2722,
0.3380


413.3290, 0.2916,
0.3339

 40.9795, 0.2676,
0.3389


 100.4183, 0.2791,
0.3366

 28.3030, 0.2618,
0.3401


 128.6492, 0.2817,
0.3360

 18.5542, 0.2543,
0.3415


161.7295, 0.2840,
0.3355

 11.3486, 0.2443,
0.3434

200.0439, 0.2859,
0.3351

 6.3018, 0.2302,
0.3458

243.9766, 0.2876,
0.3347

 3.0295, 0.2089,
0.3491

293.9121, 0.2891,

 1.1471, 0.1638,

0.3344

350.2348, 0.2904,
0.3341

0.3576

0.0179, 0.0000,
0.0684

0.0000, 0.0000,
0.0000

56.9679, 0.2722,
0.3380

56.9679, 0.2722,
0.3380

55.1203, 0.2615,
0.3413

59.1776, 0.2842,
0.3349

53.6082, 0.2524,
0.3448

61.7608, 0.2972,
0.3320

52.4123, 0.2450,
0.3484

64.7367, 0.3110,
0.3293

51.5083, 0.2396,
0.3521

68.1213, 0.3252,
0.3269

■ 50.8686, 0.2361,
0.3558

■ 71.9297, 0.3396,
0.3248

■ 50.4601, 0.2344,
0.3594

■ 72.8777, 0.3413,
0.3226

■ 50.2414, 0.2341,
0.3626

■ 72.9955, 0.3397,
0.3203

■ 73.1148, 0.3380,
0.3180

■ 73.2357, 0.3364,
0.3158

Harmonies

Analogous

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



56.9679, 0.2964, 0.3641



56.9679, 0.2722, 0.3380



56.9679, 0.2589, 0.3105

Triad

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



56.9679, 0.2722, 0.3380



56.9679, 0.2977, 0.2837



56.9679, 0.3688, 0.3655

Complementary

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



56.9679, 0.2722, 0.3380



36.3880, 0.3757, 0.3204

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.



56.9679, 0.3697, 0.3431



56.9679, 0.2722, 0.3380



56.9679, 0.3275, 0.2973

Square

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



56.9679, 0.2722, 0.3380



56.9679, 0.2731, 0.2807



56.9679, 0.3543, 0.3186



56.9679, 0.3524, 0.3795

Rectangle

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



56.9679, 0.2722, 0.3380



56.9679, 0.2576, 0.2957



56.9679, 0.3543, 0.3186



56.9679, 0.3710, 0.3586

Sweetspot

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



56.9702, 0.2722, 0.3380



95.7482, 0.3001, 0.3314



55.3803, 0.3139, 0.4189



20.3572, 0.2981, 0.3318



0.0000, 0.0000, 0.0000



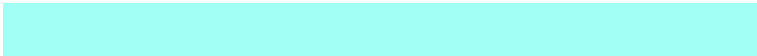
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9702, 0.2722, 0.3380



85.6521, 0.2654, 0.3400



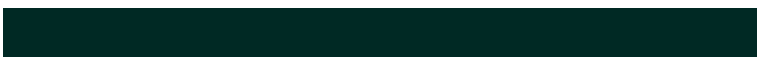
45.7289, 0.2642, 0.2951



13.3846, 0.2997, 0.3315



30.3319, 0.2339, 0.3620



1.7023, 0.2320, 0.3553

Inverse Universe

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



36.3880, 0.3757, 0.3204



49.5553, 0.3938, 0.3187



44.7706, 0.3737, 0.3605



11.8284, 0.3274, 0.3266



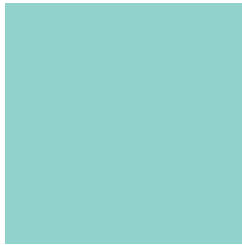
8.4011, 0.6265, 0.3225



0.4768, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 56.9679, 0.2722, 0.3380 looks on a white background.

Color Contrast Check

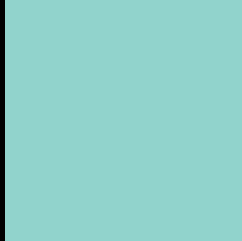
Large Text (above 18pt) WCAG AA × Fail

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 56.9679, 0.2722, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

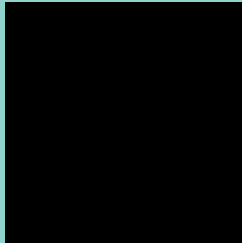
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

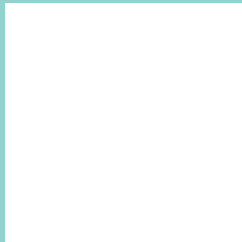
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9679, 0.2722, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 56.9679, 0.2722, 0.3380.

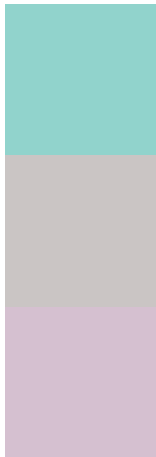


This preview shows how white text looks on a background with the Yxy color 56.9679, 0.2722, 0.3380.

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

56.9679, 0.2722, 0.3380

Protanopia

56.4746, 0.3174, 0.3302

Deuteranopia

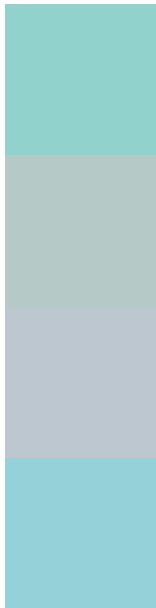
56.3995, 0.3176, 0.3106



Tritanopia

57.0320, 0.2628, 0.3076

Trichromacy



Original Color

56.9679, 0.2722, 0.3380

Protanomaly

56.1883, 0.2989, 0.3327

Deuteranomaly

56.0432, 0.2986, 0.3192

Tritanomaly

56.9066, 0.2662, 0.3187

Monochromacy



Original Color

56.9679, 0.2722, 0.3380

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.3270, 0.2964, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9679, 0.2722, 0.3380 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(145, 211, 204)` looks like.

```
.text, #text, p{  
    color:rgb(145, 211, 204)  
}
```

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(145, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 211, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.9679, 0.2722, 0.3380 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(145, 211, 204) }
```

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

```
.border{ border-color:rgb(145, 211, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 211, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(145, 211,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9679, 0.2722, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 211, 204) }
```

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

```
.background{ background-color: rgb(145,  
211, 204) }
```

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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