

Converting Colors

$Yxy(56.3198, 0.2735, 0.3482)$

Have a look what the booklet for
Yxy(56.3198, 0.2735, 0.3482)
contains.

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Color

Yxy(56.1952, 0.2732, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	8CD3C5
RGB	140, 211, 197
RGB Percent	55%, 83%, 77%
CMY	0.4512, 0.1725, 0.2275
CMYK	0.34, 0.00, 0.07, 0.17
HSL	168°, 45%, 69%
HSV	168°, 34%, 83%
XYZ	44.1799, 56.1952, 61.3377
YIQ	188.1750, -37.8220, -19.4060

Conversions

Conversions Part 2

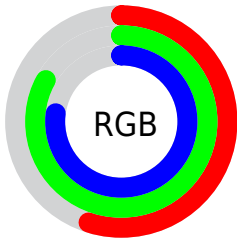
Format	Color
RYB	140, 179, 211
Decimal	9229253
CIELab	79.72, -25.29, -0.14
CIELCh	80, 25.291, 180.307
Yxy	56.1952, 0.2732, 0.3475
Android (android.graphics.Color)	4287419333 (0xFF8CD3C5)
YUV	188.1750, 4.3507, -42.2495
Hunter-Lab	74.9635, -25.9865, 3.9613

Details

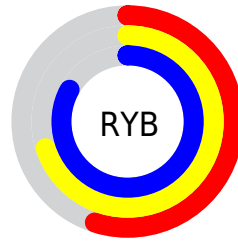
The Yxy color **56.1952, 0.2732, 0.3475** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9236, 0.3754, 0.3116**, and the grayscale version is **50.3795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4115, 0.2789, 0.3300**, and **27.7385, 0.2629, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **54.3494, 0.2637, 0.3539**, and if you desaturate by 10%, it is **58.4022, 0.2840, 0.3415**.

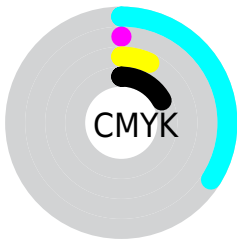
Distribution



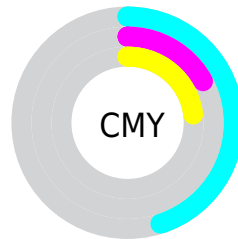
- Red (55%)
- Green (83%)
- Blue (77%)



- Red (55%)
- Yellow (70%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)





- Cyan (45%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1952, 0.2732, 0.3475 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 56.1952, 0.2732, 0.3475 by changing the saturation by 10% instead.


 56.1952, 0.2732,
0.3475

 56.1952, 0.2732,
0.3475


410.4267, 0.2923,
0.3386

 40.3594, 0.2686,
0.3496


 99.2899, 0.2800,
0.3443

 27.8189, 0.2629,
0.3523


 127.3177, 0.2826,
0.3431

 18.1892, 0.2554,
0.3558


160.1782, 0.2848,
0.3421

 11.0859, 0.2454,
0.3605

198.2560, 0.2867,
0.3412

 6.1246, 0.2311,
0.3671

241.9353, 0.2884,
0.3404

 2.9210, 0.2093,
0.3772

291.6006, 0.2898,

 1.0906, 0.1506,

0.3397

0.4047

347.6363, 0.2911,
0.3391

0.0000, 0.0000,
0.0000

56.1952, 0.2732,
0.3475

56.1952, 0.2732,
0.3475

54.3494, 0.2637,
0.3539

58.4022, 0.2840,
0.3415

52.8379, 0.2557,
0.3607

60.9822, 0.2957,
0.3359

51.6406, 0.2495,
0.3678


63.9548, 0.3080,
0.3308


50.7326, 0.2452,
0.3749

67.3363, 0.3208,
0.3261

50.0851, 0.2428,
0.3821


71.1418, 0.3338,
0.3220


 49.6631, 0.2423,
0.3893

 73.1280, 0.3380,
0.3180

 49.4748, 0.2427,
0.3938

 73.3540, 0.3349,
0.3139

 73.5855, 0.3319,
0.3097

 73.8226, 0.3290,
0.3056

Harmonies

Analogous

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



56.1952, 0.3026, 0.3751



56.1952, 0.2732, 0.3475



56.1952, 0.2548, 0.3156

Triad

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



56.1952, 0.2732, 0.3475



56.1952, 0.2875, 0.2761



56.1952, 0.3782, 0.3638

Complementary

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



56.1952, 0.2732, 0.3475



34.9236, 0.3754, 0.3116

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.



56.1952, 0.3742, 0.3373



56.1952, 0.2732, 0.3475



56.1952, 0.3203, 0.2885

Square

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



56.1952, 0.2732, 0.3475



56.1952, 0.2627, 0.2761



56.1952, 0.3526, 0.3103



56.1952, 0.3637, 0.3831

Rectangle

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



56.1952, 0.2732, 0.3475



56.1952, 0.2506, 0.2972



56.1952, 0.3526, 0.3103



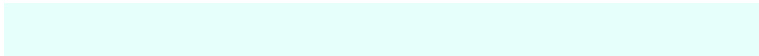
56.1952, 0.3790, 0.3554

Sweetspot

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



56.1975, 0.2732, 0.3475



95.1606, 0.3000, 0.3340



55.3733, 0.3182, 0.4258



20.2336, 0.2983, 0.3347



0.0000, 0.0000, 0.0000



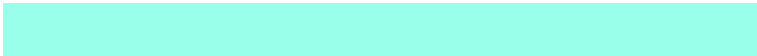
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1975, 0.2732, 0.3475



84.2835, 0.2666, 0.3518



46.9692, 0.2615, 0.3003



13.3654, 0.3009, 0.3336



29.8683, 0.2424, 0.3927



1.6805, 0.2388, 0.3796

Inverse Universe

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



34.9236, 0.3754, 0.3116



47.0643, 0.3940, 0.3081



41.3260, 0.3822, 0.3558



11.8458, 0.3260, 0.3244



8.4687, 0.6067, 0.3116



0.4850, 0.5558, 0.2836

Previews

White Background



This preview shows how the Yxy color 56.1952, 0.2732, 0.3475 looks on a white background.

Color Contrast Check

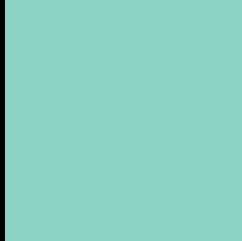
Large Text (above 18pt) WCAG AA × Fail

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 56.1952, 0.2732, 0.3475 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

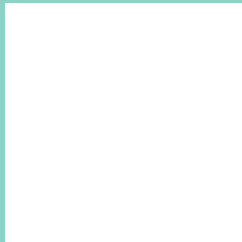
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1952, 0.2732, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 56.1952, 0.2732, 0.3475.

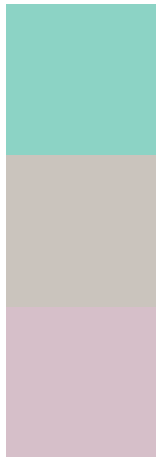


This preview shows how white text looks on a background with the Yxy color 56.1952, 0.2732, 0.3475.

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

56.1952, 0.2732, 0.3475

Protanopia

55.7105, 0.3228, 0.3375

Deuteranopia

55.7748, 0.3239, 0.3174



Tritanopia

56.1185, 0.2608, 0.3074

Trichromacy



Original Color

56.1952, 0.2732, 0.3475

Protanomaly

55.1628, 0.3023, 0.3403

Deuteranomaly

55.1231, 0.3028, 0.3265

Tritanomaly

55.8961, 0.2654, 0.3211

Monochromacy



Original Color

56.1952, 0.2732, 0.3475

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.8994, 0.2969, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1952, 0.2732, 0.3475 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(140, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(140, 211, 197)  
}
```

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(140, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 211, 197) }
```

Border

The CSS property to change the border of an element to Yxy 56.1952, 0.2732, 0.3475 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(140, 211, 197) }
```

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

```
.border{ border-color:rgb(140, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(140, 211,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1952, 0.2732, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 211, 197) }
```

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

```
.background{ background-color: rgb(140,  
211, 197) }
```

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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