

Converting Colors

$Y_{xy}(55.9412, 0.2626, 0.3270)$

Have a look what the booklet for
Yxy(55.9412, 0.2626, 0.3270)
contains.

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Color

Yxy(56.0306, 0.2628, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	88D2D3
RGB	136, 210, 211
RGB Percent	53%, 82%, 83%
CMY	0.4666, 0.1765, 0.1724
CMYK	0.36, 0.00, 0.00, 0.17
HSL	181°, 46%, 68%
HSV	181°, 36%, 83%
XYZ	44.9613, 56.0306, 70.0939
YIQ	187.9880, -44.4250, -15.3770

Conversions

Conversions Part 2

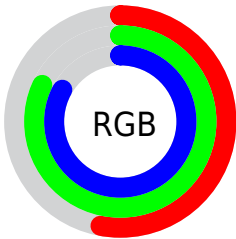
Format	Color
RYB	136, 173, 211
Decimal	8966867
CIELab	79.63, -22.62, -7.81
CIELCh	80, 23.928, 199.050
Yxy	56.0306, 0.2628, 0.3275
Android (android.graphics.Color)	4287156947 (0xFF88D2D3)
YUV	187.9880, 11.3449, -45.5935
Hunter-Lab	74.8536, -23.7765, -3.1224

Details

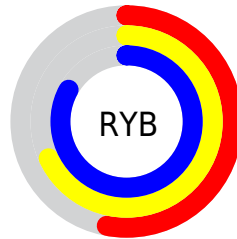
The Yxy color **56.0306, 0.2628, 0.3275** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.5339, 0.3969, 0.3306**, and the grayscale version is **50.2383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **27.6263, 0.2496, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **54.2930, 0.2518, 0.3270**, and if you desaturate by 10%, it is **58.1207, 0.2754, 0.3280**.

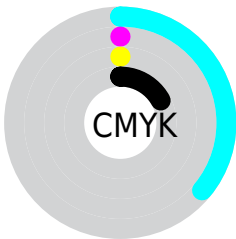
Distribution



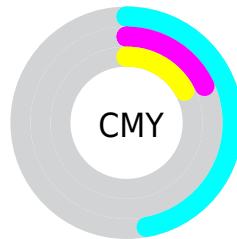
- Red (53%)
- Green (82%)
- Blue (83%)



- Red (53%)
- Yellow (68%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)




- Cyan (47%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0306, 0.2628, 0.3275 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 56.0306, 0.2628, 0.3275 by changing the saturation by 10% instead.


 56.0306, 0.2628,
0.3275

 56.0306, 0.2628,
0.3275


409.8068, 0.2866,
0.3287

 40.2275, 0.2572,
0.3271


 99.0493, 0.2712,
0.3280

 27.7159, 0.2501,
0.3265


 127.0337, 0.2744,
0.3282

 18.1116, 0.2411,
0.3257


 159.8472, 0.2772,
0.3283

 11.0302, 0.2290,
0.3243

197.8744, 0.2796,
0.3284

 6.0871, 0.2122,
0.3220

241.4995, 0.2817,
0.3285

 2.8981, 0.1872,
0.3176

291.1070, 0.2835,

 1.0788, 0.1336,

0.3286

0.3123

347.0813, 0.2852,
0.3286

0.0000, 0.0000,
0.0000

56.0306, 0.2628,
0.3275

56.0306, 0.2628,
0.3275

54.2930, 0.2518,
0.3270

58.1207, 0.2754,
0.3280

52.8808, 0.2425,
0.3266

60.5756, 0.2893,
0.3284

51.7736, 0.2351,
0.3261

63.4149, 0.3041,
0.3288

50.9457, 0.2296,
0.3256

66.6550, 0.3197,
0.3292

50.3676, 0.2260,
0.3252

70.3114, 0.3357,
0.3295

■ 50.0027, 0.2240,
0.3247

■ 72.9233, 0.3459,
0.3298

■ 49.8791, 0.2235,
0.3245

■ 73.0684, 0.3459,
0.3301

■ 73.2138, 0.3458,
0.3304

■ 73.3594, 0.3458,
0.3307

Harmonies

Analogous

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



56.0306, 0.2848, 0.3574



56.0306, 0.2628, 0.3275



56.0306, 0.2538, 0.3000

Triad

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



56.0306, 0.2628, 0.3275



56.0306, 0.3079, 0.2848



56.0306, 0.3680, 0.3747

Complementary

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



56.0306, 0.2628, 0.3275



33.5339, 0.3969, 0.3306

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.



56.0306, 0.3754, 0.3531



56.0306, 0.2628, 0.3275



56.0306, 0.3397, 0.3027

Square

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



56.0306, 0.2628, 0.3275



56.0306, 0.2788, 0.2773



56.0306, 0.3650, 0.3271



56.0306, 0.3456, 0.3851

Rectangle

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



56.0306, 0.2628, 0.3275



56.0306, 0.2560, 0.2868



56.0306, 0.3650, 0.3271



56.0306, 0.3724, 0.3684

Sweetspot

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



56.0328, 0.2628, 0.3275



94.8167, 0.2958, 0.3286



53.6173, 0.3077, 0.4353



20.1691, 0.2937, 0.3285



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.



56.0328, 0.2628, 0.3275



83.8325, 0.2539, 0.3271



40.0264, 0.2559, 0.2772



13.3780, 0.2983, 0.3286



30.1048, 0.2235, 0.3246



1.6924, 0.2237, 0.3254

Inverse Universe

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



36.1170, 0.3178, 0.2426



48.7411, 0.3189, 0.2245



45.7183, 0.3808, 0.3755



12.0061, 0.3140, 0.3064



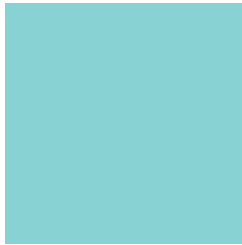
11.1104, 0.3244, 0.1560



0.6221, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 56.0306, 0.2628, 0.3275 looks on a white background.

Color Contrast Check

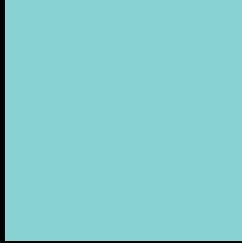
Large Text (above 18pt) WCAG AA × Fail

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 56.0306, 0.2628, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

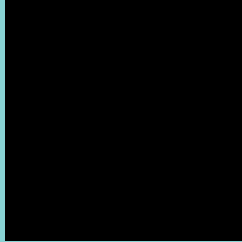
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

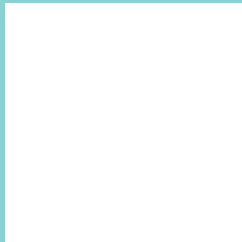
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0306, 0.2628, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 56.0306, 0.2628, 0.3275.

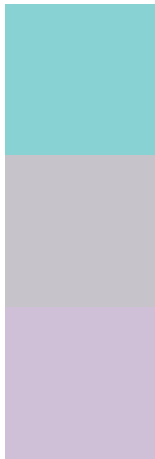


This preview shows how white text looks on a background with the Yxy color 56.0306, 0.2628, 0.3275.

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

56.0306, 0.2628, 0.3275

Protanopia

55.3002, 0.3099, 0.3206

Deuteranopia

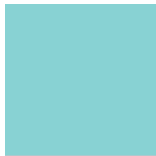
55.4333, 0.3077, 0.3012



Tritanopia

56.0370, 0.2565, 0.3072

Trichromacy



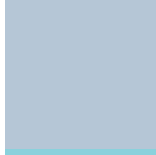
Original Color

56.0306, 0.2628, 0.3275



Protanomaly

54.8303, 0.2904, 0.3227



Deuteranomaly

55.0670, 0.2887, 0.3094



Tritanomaly

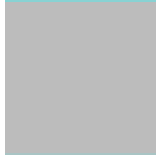
56.1715, 0.2588, 0.3147

Monochromacy



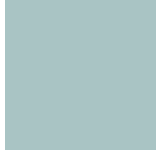
Original Color

56.0306, 0.2628, 0.3275



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

51.9004, 0.2920, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0306, 0.2628, 0.3275 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(136, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(136, 210, 211)  
}
```

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(136, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 210, 211) }
```

Border

The CSS property to change the border of an element to Yxy 56.0306, 0.2628, 0.3275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

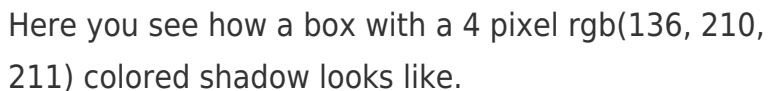
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 210, 211) }
```

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

```
.border{ border-color:rgb(136, 210, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 210, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 210, 211); box-shadow:4px 4px 4px 4px rgb(136, 210, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0306, 0.2628, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 210, 211) }
```

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

```
.background{ background-color: rgb(136,  
210, 211) }
```

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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