

Converting Colors

$Yxy(56.0116, 0.2734, 0.3429)$

Have a look what the booklet for
Yxy(56.0116, 0.2734, 0.3429)
contains.

Yxy(56.0563, 0.2737, 0.3434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.0563, 0.2737, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	8FD2C7
RGB	143, 210, 199
RGB Percent	56%, 82%, 78%
CMY	0.4394, 0.1764, 0.2196
CMYK	0.32, 0.00, 0.05, 0.18
HSL	170°, 43%, 69%
HSV	170°, 32%, 82%
XYZ	44.6785, 56.0563, 62.5042
YIQ	188.7130, -36.4010, -17.6250

Conversions

Conversions Part 2

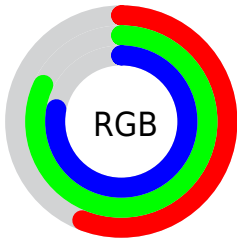
Format	Color
RYB	143, 179, 210
Decimal	9425607
CIELab	79.65, -23.50, -1.31
CIELCh	80, 23.535, 183.196
Yxy	56.0563, 0.2737, 0.3434
Android (android.graphics.Color)	4287615687 (0xFF8FD2C7)
YUV	188.7130, 5.0715, -40.0903
Hunter-Lab	74.8708, -24.5053, 2.9125

Details

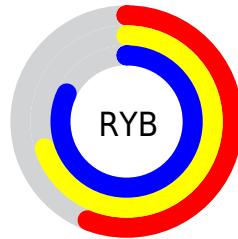
The Yxy color **56.0563, 0.2737, 0.3434** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6678, 0.3733, 0.3153**, and the grayscale version is **50.6992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **27.6607, 0.2640, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **54.1988, 0.2636, 0.3487**, and if you desaturate by 10%, it is **58.2727, 0.2850, 0.3385**.

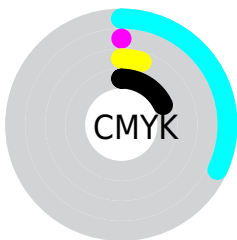
Distribution



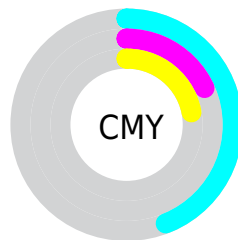
- Red (56%)
- Green (82%)
- Blue (78%)



- Red (56%)
- Yellow (70%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)




- Cyan (44%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0563, 0.2737, 0.3434 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 56.0563, 0.2737, 0.3434 by changing the saturation by 10% instead.


 56.0563, 0.2737,
0.3434


 56.0563, 0.2737,
0.3434


409.9036, 0.2925,
0.3365

 40.2481, 0.2692,
0.3450


 99.0869, 0.2804,
0.3410

 27.7320, 0.2636,
0.3470


 127.0780, 0.2829,
0.3400

 18.1237, 0.2562,
0.3497


159.8989, 0.2851,
0.3393

 11.0389, 0.2463,
0.3531

197.9340, 0.2870,
0.3386

 6.0930, 0.2323,
0.3580

241.5676, 0.2886,
0.3380

 2.9017, 0.2110,
0.3653

291.1841, 0.2901,

 1.0806, 0.1573,

0.3374

0.3851

347.1680, 0.2914,
0.3370

0.0000, 0.0000,
0.0000

56.0563, 0.2737,
0.3434

56.0563, 0.2737,
0.3434

54.1988, 0.2636,
0.3487

58.2727, 0.2850,
0.3385

52.6739, 0.2551,
0.3542

60.8595, 0.2973,
0.3339

51.4621, 0.2483,
0.3599

63.8356, 0.3102,
0.3298


50.5395, 0.2434,
0.3657


67.2170, 0.3235,
0.3260

49.8782, 0.2404,
0.3716


71.0186, 0.3370,
0.3226

 49.4453, 0.2393,
0.3775

 72.5089, 0.3398,
0.3193

 49.2157, 0.2395,
0.3822

 72.6930, 0.3373,
0.3158

 72.8808, 0.3348,
0.3124

 73.0725, 0.3323,
0.3090

Harmonies

Analogous

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



56.0563, 0.3004, 0.3698



56.0563, 0.2737, 0.3434



56.0563, 0.2576, 0.3140

Triad

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



56.0563, 0.2737, 0.3434



56.0563, 0.2920, 0.2801



56.0563, 0.3731, 0.3637

Complementary

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



56.0563, 0.2737, 0.3434



35.6678, 0.3733, 0.3153

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.



56.0563, 0.3711, 0.3394



56.0563, 0.2737, 0.3434



56.0563, 0.3230, 0.2927

Square

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



56.0563, 0.2737, 0.3434



56.0563, 0.2678, 0.2791



56.0563, 0.3524, 0.3139



56.0563, 0.3582, 0.3805

Rectangle

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



56.0563, 0.2737, 0.3434



56.0563, 0.2546, 0.2974



56.0563, 0.3524, 0.3139



56.0563, 0.3744, 0.3561

Sweetspot

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



56.0586, 0.2737, 0.3434



95.2139, 0.2996, 0.3331



54.9637, 0.3164, 0.4205



20.2465, 0.2978, 0.3337



0.0000, 0.0000, 0.0000



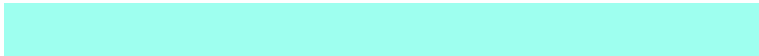
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0586, 0.2737, 0.3434



85.0374, 0.2670, 0.3468



46.3112, 0.2637, 0.2989



13.3724, 0.3005, 0.3328



30.0301, 0.2393, 0.3813



1.6882, 0.2363, 0.3706

Inverse Universe

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



35.6678, 0.3733, 0.3153



48.8037, 0.3914, 0.3125



42.7074, 0.3767, 0.3571



11.8394, 0.3265, 0.3252



8.4398, 0.6150, 0.3162



0.4820, 0.5679, 0.2902

Previews

White Background



This preview shows how the Yxy color 56.0563, 0.2737, 0.3434 looks on a white background.

Color Contrast Check

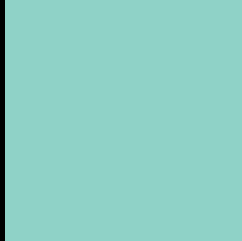
Large Text (above 18pt) WCAG AA × Fail

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 56.0563, 0.2737, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

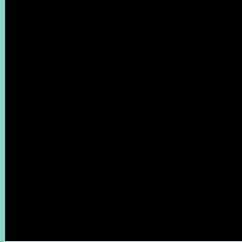
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

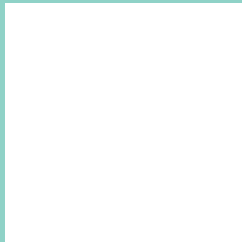
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0563, 0.2737, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 56.0563, 0.2737, 0.3434.



This preview shows how white text looks on a background with the Yxy color 56.0563, 0.2737, 0.3434.

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

56.0563, 0.2737, 0.3434

Protanopia

55.6590, 0.3204, 0.3351

Deuteranopia

55.7195, 0.3215, 0.3151



Tritanopia

55.7662, 0.2624, 0.3074

Trichromacy



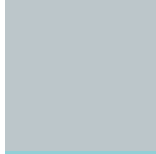
Original Color

56.0563, 0.2737, 0.3434



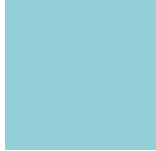
Protanomaly

55.3716, 0.3016, 0.3378



Deuteranomaly

55.3438, 0.3021, 0.3241



Tritanomaly

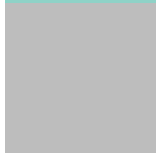
55.5917, 0.2664, 0.3199

Monochromacy



Original Color

56.0563, 0.2737, 0.3434



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.5534, 0.2963, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0563, 0.2737, 0.3434 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(143, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 210, 199)  
}
```

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(143, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 210, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.0563, 0.2737, 0.3434 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(143, 210, 199) }
```

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

```
.border{ border-color:rgb(143, 210, 199) }
```

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

Here you see how a box with a 4 pixel rgb(143, 210, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 210,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0563, 0.2737, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 210, 199) }
```

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

```
.background{ background-color: rgb(143,  
210, 199) }
```

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