

Converting Colors

$Yxy(56.7652, 0.2733, 0.3458)$

Have a look what the booklet for
Yxy(56.7652, 0.2733, 0.3458)
contains.

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Color

Yxy(56.9613, 0.2734, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	8ED4C7
RGB	142, 212, 199
RGB Percent	56%, 83%, 78%
CMY	0.4431, 0.1686, 0.2196
CMYK	0.33, 0.00, 0.06, 0.17
HSL	169°, 45%, 69%
HSV	169°, 33%, 83%
XYZ	45.0093, 56.9613, 62.6574
YIQ	189.5880, -37.5470, -18.8830

Conversions

Conversions Part 2

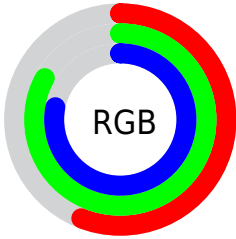
Format	Color
RYB	142, 181, 212
Decimal	9360583
CIELab	80.16, -24.75, -0.57
CIElCh	80, 24.755, 181.308
Yxy	56.9613, 0.2734, 0.3460
Android (android.graphics.Color)	4287550663 (0xFF8ED4C7)
YUV	189.5880, 4.6401, -41.7347
Hunter-Lab	75.4727, -25.6260, 3.6084

Details

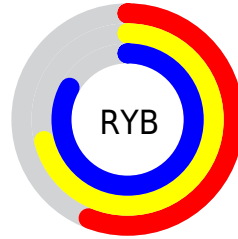
The Yxy color **56.9613, 0.2734, 0.3460** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7141, 0.3746, 0.3130**, and the grayscale version is **51.2351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **28.2330, 0.2631, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **55.0826, 0.2637, 0.3520**, and if you desaturate by 10%, it is **59.2060, 0.2844, 0.3404**.

Distribution



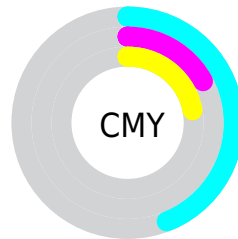
- Red (56%)
- Green (83%)
- Blue (78%)



- Red (56%)
- Yellow (71%)
- Blue (83%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)





- Cyan (44%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9613, 0.2734, 0.3460 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 56.9613, 0.2734, 0.3460 by changing the saturation by 10% instead.


 56.9613, 0.2734,
0.3460

 56.9613, 0.2734,
0.3460


413.3043, 0.2923,
0.3379

 40.9742, 0.2689,
0.3479


 100.4087, 0.2801,
0.3431

 28.2989, 0.2632,
0.3504


 128.6378, 0.2827,
0.3420

 18.5511, 0.2559,
0.3535


161.7163, 0.2849,
0.3411

 11.3464, 0.2460,
0.3577

200.0287, 0.2868,
0.3403

 6.3003, 0.2320,
0.3636

243.9592, 0.2884,
0.3395

 3.0285, 0.2108,
0.3725

293.8924, 0.2899,

 1.1466, 0.1598,

0.3389

0.3944

350.2127, 0.2912,
0.3384

0.0175, 0.0000,
0.2299

0.0000, 0.0000,
0.0000

56.9613, 0.2734,
0.3460

56.9613, 0.2734,
0.3460

55.0826, 0.2637,
0.3520

59.2060, 0.2844,
0.3404

53.5426, 0.2555,
0.3584

61.8285, 0.2963,
0.3351

52.3213, 0.2491,
0.3649

64.8484, 0.3088,
0.3303

51.3937, 0.2445,
0.3716

68.2821, 0.3218,
0.3260

■ 50.7309, 0.2420,
0.3784

■ 72.1450, 0.3350,
0.3222

■ 50.2981, 0.2413,
0.3851

■ 73.6555, 0.3374,
0.3184

■ 50.0909, 0.2416,
0.3897

■ 73.8698, 0.3345,
0.3144

■ 74.0892, 0.3317,
0.3105

■ 74.3135, 0.3289,
0.3067

Harmonies

Analogous

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



56.9613, 0.3018, 0.3732



56.9613, 0.2734, 0.3460



56.9613, 0.2559, 0.3150

Triad

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



56.9613, 0.2734, 0.3460



56.9613, 0.2892, 0.2776



56.9613, 0.3763, 0.3637

Complementary

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



56.9613, 0.2734, 0.3460



35.7141, 0.3746, 0.3130

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.



56.9613, 0.3731, 0.3381



56.9613, 0.2734, 0.3460



56.9613, 0.3213, 0.2900

Square

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



56.9613, 0.2734, 0.3460



56.9613, 0.2646, 0.2772



56.9613, 0.3525, 0.3116



56.9613, 0.3617, 0.3821

Rectangle

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



56.9613, 0.2734, 0.3460



56.9613, 0.2521, 0.2973



56.9613, 0.3525, 0.3116



56.9613, 0.3773, 0.3557

Sweetspot

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



56.9636, 0.2734, 0.3460



95.1791, 0.2999, 0.3337



56.1103, 0.3181, 0.4236



20.2381, 0.2981, 0.3344



0.0000, 0.0000, 0.0000



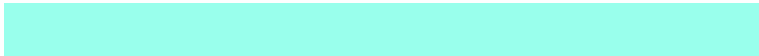
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9636, 0.2734, 0.3460



84.3519, 0.2661, 0.3504



47.7694, 0.2625, 0.3009



14.0665, 0.3007, 0.3334



30.9369, 0.2413, 0.3888



1.8765, 0.2381, 0.3772

Inverse Universe

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



35.7141, 0.3746, 0.3130



47.0188, 0.3952, 0.3093



42.1486, 0.3804, 0.3553



12.4581, 0.3262, 0.3247



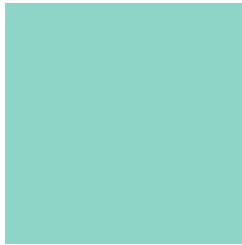
8.7439, 0.6100, 0.3134



0.5388, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 56.9613, 0.2734, 0.3460 looks on a white background.

Color Contrast Check

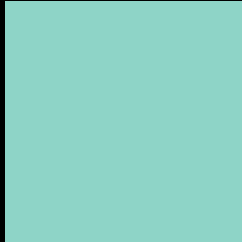
Large Text (above 18pt) WCAG AA × Fail

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 56.9613, 0.2734, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

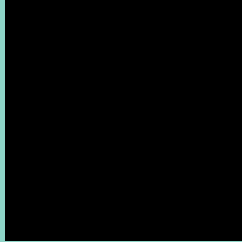
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

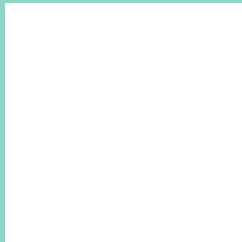
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9613, 0.2734, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 56.9613, 0.2734, 0.3460.

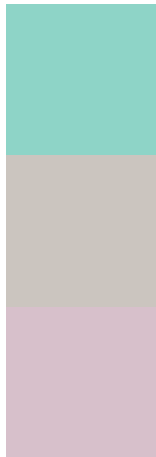


This preview shows how white text looks on a background with the Yxy color 56.9613, 0.2734, 0.3460.

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

56.9613, 0.2734, 0.3460

Protanopia

56.3906, 0.3220, 0.3362

Deuteranopia

56.4581, 0.3230, 0.3163



Tritanopia

56.8439, 0.2616, 0.3075

Trichromacy



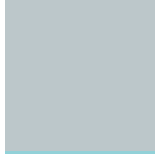
Original Color

56.9613, 0.2734, 0.3460



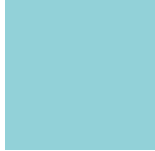
Protanomaly

55.9599, 0.3024, 0.3390



Deuteranomaly

55.8025, 0.3021, 0.3253



Tritanomaly

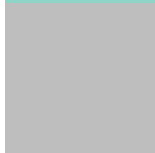
56.6698, 0.2656, 0.3199

Monochromacy



Original Color

56.9613, 0.2734, 0.3460



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.1227, 0.2971, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9613, 0.2734, 0.3460 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(142, 212, 199)` looks like.

```
.text, #text, p{  
    color:rgb(142, 212, 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(142, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 212, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.9613, 0.2734, 0.3460 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(142, 212, 199) }
```

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

```
.border{ border-color:rgb(142, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(142, 212,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9613, 0.2734, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 212, 199) }
```

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

```
.background{ background-color: rgb(142,  
212, 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](#).

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