

Converting Colors

$Yxy(59.9421, 0.2733, 0.3250)$

Have a look what the booklet for
Yxy(59.9421, 0.2733, 0.3250)
contains.

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Color

Yxy(59.8155, 0.2734, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	9ED5D8
RGB	158, 213, 216
RGB Percent	62%, 84%, 85%
CMY	0.3801, 0.1648, 0.1529
CMYK	0.27, 0.01, 0.00, 0.15
HSL	183°, 43%, 73%
HSV	183°, 27%, 85%
XYZ	50.3032, 59.8155, 73.8724
YIQ	196.8970, -33.7430, -10.7270

Conversions

Conversions Part 2

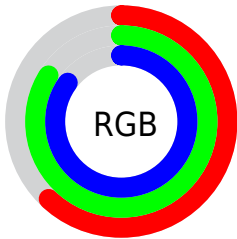
Format	Color
R _{YB}	158, 186, 216
Decimal	10409432
CIE _{Lab}	81.74, -16.84, -7.23
CIE _{LCh}	82, 18.327, 203.223
Y _{xy}	59.8155, 0.2734, 0.3251
Android (android.graphics.Color)	4288599512 (0xFF9ED5D8)
YUV	196.8970, 9.4178, -34.1127
Hunter-Lab	77.3405, -19.2473, -2.4930

Details

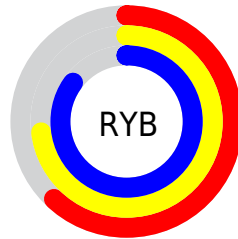
The Yxy color **59.8155, 0.2734, 0.3251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6041, 0.3693, 0.3329**, and the grayscale version is **55.7382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.0302, 0.2640, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **57.2480, 0.2607, 0.3235**, and if you desaturate by 10%, it is **62.7769, 0.2873, 0.3266**.

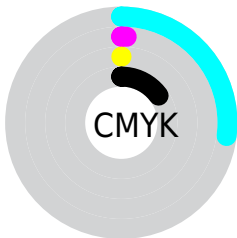
Distribution



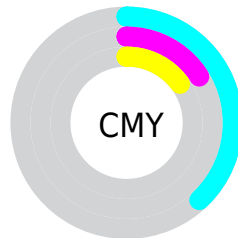
- Red (62%)
- Green (84%)
- Blue (85%)



- Red (62%)
- Yellow (73%)
- Blue (85%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)





- Cyan (38%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8155, 0.2734, 0.3251 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 59.8155, 0.2734, 0.3251 by changing the saturation by 10% instead.


 59.8155, 0.2734,
0.3251


 59.8155, 0.2734,
0.3251


423.9174, 0.2920,
0.3273

 43.2699, 0.2690,
0.3245


 104.5620, 0.2799,
0.3259

 30.0970, 0.2636,
0.3237


 133.5317, 0.2825,
0.3262

 19.9122, 0.2566,
0.3227

167.4116, 0.2846,
0.3265

 12.3312, 0.2474,
0.3211

206.5860, 0.2865,
0.3267

 6.9697, 0.2345,
0.3188

251.4394, 0.2881,
0.3268

 3.4431, 0.2155,
0.3146

302.3562, 0.2896,

 1.3672, 0.1847,

0.3270

359.7207, 0.2909,
0.3271

0.3064

0.1924, 0.0000,
0.2121

0.0000, 0.0000,
0.0000

59.8155, 0.2734,
0.3251

59.8155, 0.2734,
0.3251

57.2480, 0.2607,
0.3235

62.7769, 0.2873,
0.3266

55.0469, 0.2495,
0.3218

66.1437, 0.3022,
0.3281

53.1928, 0.2400,
0.3200

69.9357, 0.3177,
0.3294

51.6613, 0.2323,
0.3182

74.1693, 0.3335,
0.3306

■ 50.4247, 0.2266,
0.3165

■ 76.6952, 0.3412,
0.3317

■ 49.4510, 0.2228,
0.3147

■ 77.2862, 0.3410,
0.3329

■ 48.6984, 0.2206,
0.3130

■ 77.8811, 0.3408,
0.3340

■ 48.4821, 0.2201,
0.3124

■ 78.4801, 0.3406,
0.3351

■ 79.0832, 0.3405,
0.3363

Harmonies

Analogous

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



59.8155, 0.2891, 0.3472



59.8155, 0.2734, 0.3251



59.8155, 0.2680, 0.3052

Triad

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



59.8155, 0.2734, 0.3251



59.8155, 0.3127, 0.2968



59.8155, 0.3525, 0.3652

Complementary

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



59.8155, 0.2734, 0.3251



42.6041, 0.3693, 0.3329

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.



59.8155, 0.3596, 0.3503



59.8155, 0.2734, 0.3251



59.8155, 0.3361, 0.3115

Square

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



59.8155, 0.2734, 0.3251



59.8155, 0.2900, 0.2899



59.8155, 0.3536, 0.3307



59.8155, 0.3347, 0.3709

Rectangle

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



59.8155, 0.2734, 0.3251



59.8155, 0.2707, 0.2958



59.8155, 0.3536, 0.3307



59.8155, 0.3563, 0.3611

Sweetspot

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



59.8179, 0.2734, 0.3251



95.6545, 0.3003, 0.3279



58.9719, 0.3073, 0.4017



20.3088, 0.2980, 0.3277



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.



59.8179, 0.2734, 0.3251



84.9739, 0.2663, 0.3242



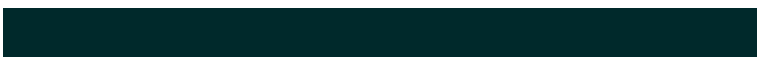
46.5818, 0.2698, 0.2877



13.9912, 0.2983, 0.3277



28.7413, 0.2202, 0.3127



1.7684, 0.2210, 0.3157

Inverse Universe

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



43.8875, 0.3184, 0.2658



58.2486, 0.3197, 0.2529



53.8780, 0.3604, 0.3671



12.6210, 0.3146, 0.3072



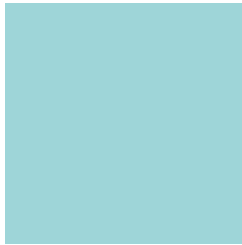
11.2463, 0.3344, 0.1616



0.6818, 0.3319, 0.1602

Previews

White Background



This preview shows how the Yxy color 59.8155, 0.2734, 0.3251 looks on a white background.

Color Contrast Check

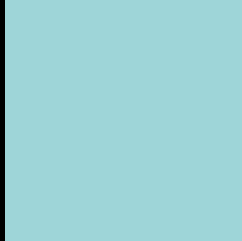
Large Text (above 18pt) WCAG AA × Fail

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 59.8155, 0.2734, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

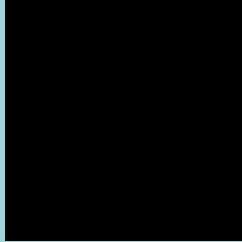
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

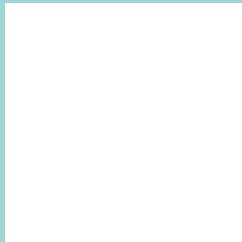
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8155, 0.2734, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 59.8155, 0.2734, 0.3251.

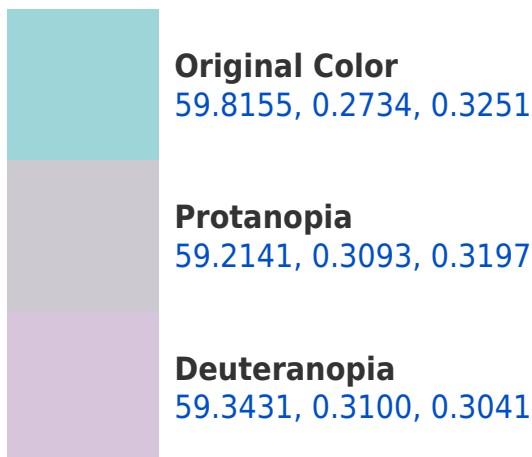


This preview shows how white text looks on a background with the Yxy color 59.8155, 0.2734, 0.3251.

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





Tritanopia

59.7670, 0.2681, 0.3081

Trichromacy



Original Color

59.8155, 0.2734, 0.3251

Protanomaly

58.9809, 0.2946, 0.3205

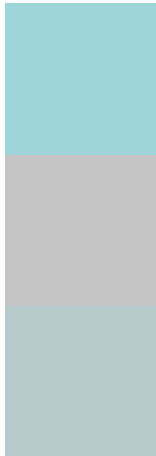
Deuteranomaly

59.2432, 0.2956, 0.3113

Tritanomaly

59.9424, 0.2699, 0.3141

Monochromacy



Original Color

59.8155, 0.2734, 0.3251

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.1388, 0.2970, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8155, 0.2734, 0.3251 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(158, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(158, 213, 216)  
}
```

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(158, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 59.8155, 0.2734, 0.3251 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(158, 213, 216) }
```

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

```
.border{ border-color:rgb(158, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(158, 213,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8155, 0.2734, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 213, 216) }
```

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

```
.background{ background-color: rgb(158,  
213, 216) }
```

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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