

Converting Colors

$Yxy(63.3655, 0.2705, 0.3245)$

Have a look what the booklet for
Yxy(63.3655, 0.2705, 0.3245)
contains.

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Color

Yxy(63.2598, 0.2702, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	9EDBDF
RGB	158, 219, 223
RGB Percent	62%, 86%, 87%
CMY	0.3802, 0.1412, 0.1255
CMYK	0.29, 0.02, 0.00, 0.13
HSL	184°, 50%, 75%
HSV	184°, 29%, 87%
XYZ	52.7555, 63.2598, 79.2309
YIQ	201.2170, -37.6400, -11.6880

Conversions

Conversions Part 2

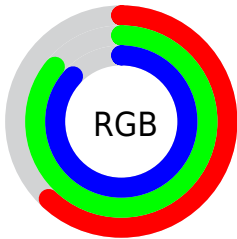
Format	Color
RYB	158, 189, 223
Decimal	10410975
CIELab	83.58, -18.31, -8.20
CIELCh	84, 20.063, 204.133
Yxy	63.2598, 0.2702, 0.3240
Android (android.graphics.Color)	4288601055 (0xFF9EDBDF)
YUV	201.2170, 10.7390, -37.9013
Hunter-Lab	79.5360, -20.7906, -3.3874

Details

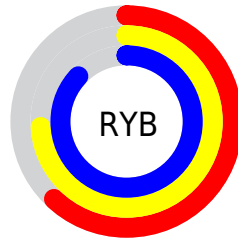
The Yxy color **63.2598, 0.2702, 0.3240** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0077, 0.3758, 0.3339**, and the grayscale version is **58.5058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **32.3211, 0.2598, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **60.4901, 0.2577, 0.3221**, and if you desaturate by 10%, it is **66.4507, 0.2840, 0.3258**.

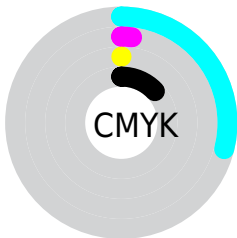
Distribution



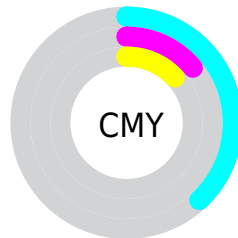
- Red (62%)
- Green (86%)
- Blue (87%)



- Red (62%)
- Yellow (74%)
- Blue (87%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





- Cyan (38%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2598, 0.2702, 0.3240 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 63.2598, 0.2702, 0.3240 by changing the saturation by 10% instead.


 63.2598, 0.2702,
0.3240


 63.2598, 0.2702,
0.3240


436.5117, 0.2901,
0.3267

 46.0514, 0.2656,
0.3233

 109.5442, 0.2772,
0.3250

 32.2864, 0.2599,
0.3223


 139.3891, 0.2798,
0.3254

 21.5803, 0.2526,
0.3211


174.2149, 0.2822,
0.3257

 13.5489, 0.2430,
0.3192

214.4060, 0.2842,
0.3260

 7.8076, 0.2299,
0.3165

260.3468, 0.2859,
0.3262

 3.9721, 0.2108,
0.3118

312.4218, 0.2875,

 1.6580, 0.1809,

0.3264

371.0153, 0.2889,
0.3266

0.3030

0.3962, 0.0000,
0.2827

0.0000, 0.0000,
0.0000

63.2598, 0.2702,
0.3240

63.2598, 0.2702,
0.3240

60.4901, 0.2577,
0.3221

66.4507, 0.2840,
0.3258

58.1119, 0.2468,
0.3200

70.0758, 0.2987,
0.3276

56.1033, 0.2376,
0.3180

74.1567, 0.3141,
0.3291

54.4373, 0.2303,
0.3159

78.7116, 0.3299,
0.3306

■ 53.0831, 0.2249,
0.3138

■ 80.8953, 0.3353,
0.3319

■ 52.0043, 0.2214,
0.3117

■ 81.6423, 0.3351,
0.3333

■ 51.1430, 0.2195,
0.3097

■ 82.3954, 0.3349,
0.3346

■ 51.0714, 0.2193,
0.3095

■ 83.1544, 0.3347,
0.3360

■ 83.9194, 0.3346,
0.3374

Harmonies

Analogous

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



63.2598, 0.2867, 0.3479



63.2598, 0.2702, 0.3240



63.2598, 0.2648, 0.3028

Triad

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



63.2598, 0.2702, 0.3240



63.2598, 0.3134, 0.2949



63.2598, 0.3550, 0.3682

Complementary

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



63.2598, 0.2702, 0.3240



44.0077, 0.3758, 0.3339

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.



63.2598, 0.3631, 0.3523



63.2598, 0.2702, 0.3240



63.2598, 0.3385, 0.3108

Square

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



63.2598, 0.2702, 0.3240



63.2598, 0.2889, 0.2872



63.2598, 0.3570, 0.3314



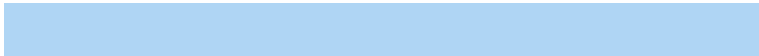
63.2598, 0.3355, 0.3741

Rectangle

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



63.2598, 0.2702, 0.3240



63.2598, 0.2679, 0.2930



63.2598, 0.3570, 0.3314



63.2598, 0.3592, 0.3638

Sweetspot

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



63.2623, 0.2702, 0.3240



95.0082, 0.2988, 0.3276



62.6248, 0.3068, 0.4092



20.1733, 0.2966, 0.3273



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.



63.2623, 0.2702, 0.3240



83.3727, 0.2624, 0.3228



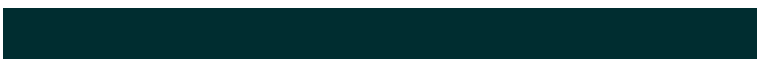
48.2547, 0.2658, 0.2835



15.4206, 0.2982, 0.3275



30.0951, 0.2194, 0.3098



2.1303, 0.2203, 0.3130

Inverse Universe

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



45.2686, 0.3195, 0.2608



55.3136, 0.3211, 0.2467



56.6335, 0.3654, 0.3706



13.9203, 0.3147, 0.3073



11.9462, 0.3369, 0.1629



0.8325, 0.3342, 0.1615

Previews

White Background



This preview shows how the Yxy color 63.2598, 0.2702, 0.3240 looks on a white background.

Color Contrast Check

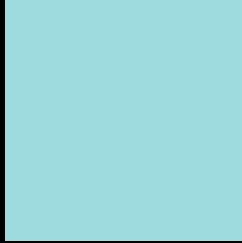
Large Text (above 18pt) WCAG AA × Fail

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 63.2598, 0.2702, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

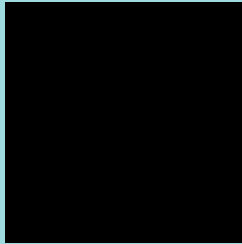
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

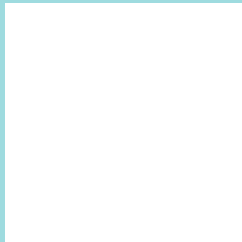
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2598, 0.2702, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 63.2598, 0.2702, 0.3240.

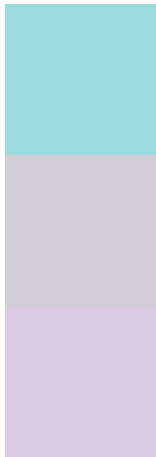


This preview shows how white text looks on a background with the Yxy color 63.2598, 0.2702, 0.3240.

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

63.2598, 0.2702, 0.3240

Protanopia

62.6042, 0.3087, 0.3187

Deuteranopia

62.8472, 0.3080, 0.3015



Tritanopia

63.2009, 0.2651, 0.3074

Trichromacy



Original Color

63.2598, 0.2702, 0.3240

Protanomaly

62.5976, 0.2930, 0.3207

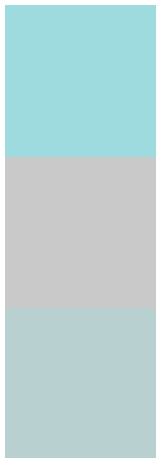
Deuteranomaly

62.4731, 0.2926, 0.3083

Tritanomaly

63.3859, 0.2668, 0.3132

Monochromacy



Original Color

63.2598, 0.2702, 0.3240

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

60.0295, 0.2952, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2598, 0.2702, 0.3240 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, 219, 223)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 223)  
}
```

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, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.2598, 0.2702, 0.3240 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, 219, 223) }
```

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

```
.border{ border-color:rgb(158, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2598, 0.2702, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 223) }
```

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

```
.background{ background-color: rgb(158,  
219, 223) }
```

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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