

Converting Colors

$Yxy(64.5026, 0.2657, 0.3290)$

Have a look what the booklet for
Yxy(64.5026, 0.2657, 0.3290)
contains.

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Color

Yxy(64.4926, 0.2657, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	95DFDF
RGB	149, 223, 223
RGB Percent	58%, 87%, 87%
CMY	0.4156, 0.1255, 0.1256
CMYK	0.33, 0.00, 0.00, 0.13
HSL	180°, 54%, 73%
HSV	180°, 33%, 87%
XYZ	52.1000, 64.4926, 79.4932
YIQ	200.8740, -44.1040, -15.6880

Conversions

Conversions Part 2

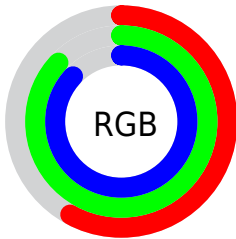
Format	Color
RYB	149, 186, 223
Decimal	9822175
CIELab	84.22, -22.79, -7.29
CIElCh	84, 23.927, 197.746
Yxy	64.4926, 0.2657, 0.3289
Android (android.graphics.Color)	4288012255 (0xFF95DFDF)
YUV	200.8740, 10.9081, -45.4935
Hunter-Lab	80.3073, -24.7345, -2.4738

Details

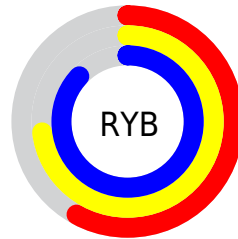
The Yxy color **64.4926, 0.2657, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3605, 0.3898, 0.3292**, and the grayscale version is **58.2806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **33.2121, 0.2543, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **62.5938, 0.2544, 0.3289**, and if you desaturate by 10%, it is **66.7982, 0.2786, 0.3289**.

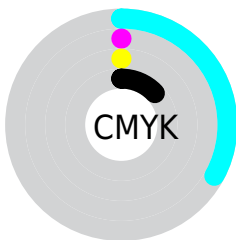
Distribution



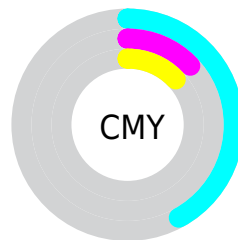
- Red (58%)
- Green (87%)
- Blue (87%)



- Red (58%)
- Yellow (73%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)





- Cyan (42%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4926, 0.2657, 0.3289 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 64.4926, 0.2657, 0.3289 by changing the saturation by 10% instead.


 64.4926, 0.2657,
0.3289

 64.4926, 0.2657,
0.3289


440.9663, 0.2876,
0.3293

 47.0498, 0.2607,
0.3287


 111.3201, 0.2733,
0.3291

 33.0750, 0.2544,
0.3284


 141.4735, 0.2763,
0.3292

 22.1839, 0.2465,
0.3280


176.6325, 0.2789,
0.3292

 13.9921, 0.2361,
0.3272

217.1816, 0.2811,
0.3293

 8.1152, 0.2219,
0.3259

263.5052, 0.2830,
0.3293

 4.1687, 0.2014,
0.3234

315.9875, 0.2847,

 1.7684, 0.1696,

0.3293

0.3178

375.0131, 0.2863,
0.3293

0.4674, 0.0000,
0.3143

0.0000, 0.0000,
0.0000

64.4926, 0.2657,
0.3289

64.4926, 0.2657,
0.3289

62.5938, 0.2544,
0.3289

66.7982, 0.2786,
0.3289

61.0709, 0.2448,
0.3289

69.5239, 0.2927,
0.3290

59.9014, 0.2371,
0.3289

72.6921, 0.3078,
0.3290

59.0568, 0.2314,
0.3289

76.3212, 0.3235,
0.3290

■ 58.5042, 0.2275,
0.3289

■ 79.3667, 0.3356,
0.3291

■ 58.2041, 0.2254,
0.3289

■ 79.3672, 0.3356,
0.3290

■ 58.1004, 0.2247,
0.3289

■ 79.3678, 0.3356,
0.3290

■ 79.3683, 0.3356,
0.3290

■ 79.3689, 0.3356,
0.3290

Harmonies

Analogous

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



64.4926, 0.2873, 0.3571



64.4926, 0.2657, 0.3289



64.4926, 0.2565, 0.3024

Triad

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



64.4926, 0.2657, 0.3289



64.4926, 0.3068, 0.2862



64.4926, 0.3662, 0.3720

Complementary

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



64.4926, 0.2657, 0.3289



39.3605, 0.3898, 0.3292

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.



64.4926, 0.3724, 0.3511



64.4926, 0.2657, 0.3289



64.4926, 0.3373, 0.3029

Square

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



64.4926, 0.2657, 0.3289



64.4926, 0.2793, 0.2795



64.4926, 0.3617, 0.3262



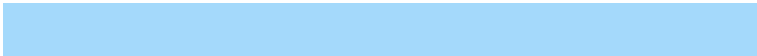
64.4926, 0.3453, 0.3823

Rectangle

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



64.4926, 0.2657, 0.3289



64.4926, 0.2581, 0.2894



64.4926, 0.3617, 0.3262



64.4926, 0.3701, 0.3659

Sweetspot

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



64.4952, 0.2657, 0.3289



95.4796, 0.2973, 0.3290



61.4561, 0.3089, 0.4272



20.3113, 0.2952, 0.3290



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.



64.4952, 0.2657, 0.3289



85.5094, 0.2575, 0.3289



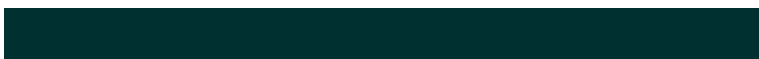
47.3634, 0.2598, 0.2827



15.5723, 0.2982, 0.3290



34.1606, 0.2247, 0.3289



2.3679, 0.2247, 0.3289

Inverse Universe

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



39.3605, 0.3898, 0.3292



46.3439, 0.4148, 0.3293



52.4642, 0.3760, 0.3711



13.7006, 0.3292, 0.3290



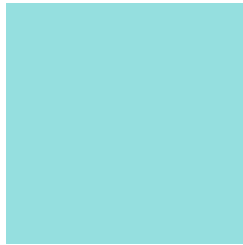
9.2245, 0.6400, 0.3299



0.6394, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 64.4926, 0.2657, 0.3289 looks on a white background.

Color Contrast Check

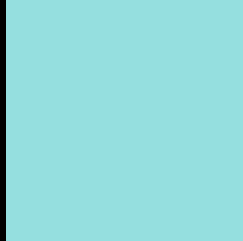
Large Text (above 18pt) WCAG AA × Fail

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 64.4926, 0.2657, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

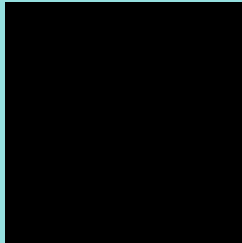
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

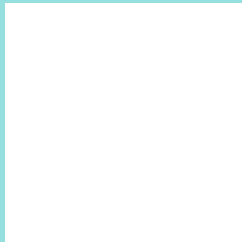
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4926, 0.2657, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 64.4926, 0.2657, 0.3289.



This preview shows how white text looks on a background with the Yxy color 64.4926, 0.2657, 0.3289.

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

64.4926, 0.2657, 0.3289

Protanopia

63.8157, 0.3108, 0.3222

Deuteranopia

63.6301, 0.3094, 0.3027



Tritanopia

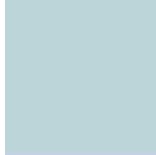
64.6583, 0.2597, 0.3085

Trichromacy



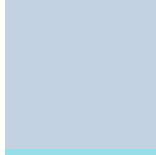
Original Color

64.4926, 0.2657, 0.3289



Protanomaly

63.2896, 0.2923, 0.3242



Deuteranomaly

63.1863, 0.2913, 0.3105



Tritanomaly

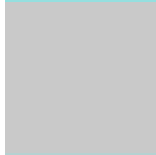
64.8011, 0.2619, 0.3156

Monochromacy



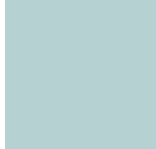
Original Color

64.4926, 0.2657, 0.3289



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.1495, 0.2931, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4926, 0.2657, 0.3289 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(149, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(149, 223, 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(149, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 223, 223) }
```

Border

The CSS property to change the border of an element to Yxy 64.4926, 0.2657, 0.3289 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(149, 223, 223) }
```

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

```
.border{ border-color:rgb(149, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(149, 223,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4926, 0.2657, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 223, 223) }
```

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

```
.background{ background-color: rgb(149,  
223, 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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