

Converting Colors

$Yxy(64.1023, 0.2784, 0.3289)$

Have a look what the booklet for
Yxy(64.1023, 0.2784, 0.3289)
contains.

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Color

Yxy(64.1023, 0.2784, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A8DBDB
RGB	168, 219, 219
RGB Percent	66%, 86%, 86%
CMY	0.3413, 0.1411, 0.1411
CMYK	0.23, 0.00, 0.00, 0.14
HSL	180°, 41%, 76%
HSV	180°, 23%, 86%
XYZ	54.2599, 64.1023, 76.5369
YIQ	203.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

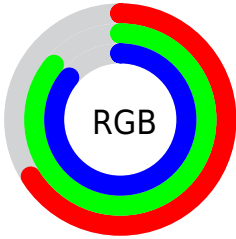
Format	Color
RYB	168, 194, 219
Decimal	11066331
CIELab	84.02, -16.34, -5.38
CIELCh	84, 17.201, 198.232
Yxy	64.1023, 0.2784, 0.3289
Android (android.graphics.Color)	4289256411 (0xFFA8DBDB)
YUV	203.7510, 7.5178, -31.3536
Hunter-Lab	80.0639, -19.1411, -0.6334

Details

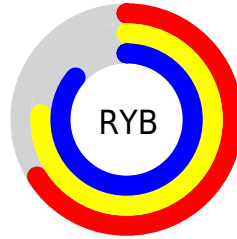
The Yxy color **64.1023, 0.2784, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8773, 0.3607, 0.3291**, and the grayscale version is **60.1808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **32.8087, 0.2698, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **61.9008, 0.2656, 0.3289**, and if you desaturate by 10%, it is **66.7138, 0.2925, 0.3289**.

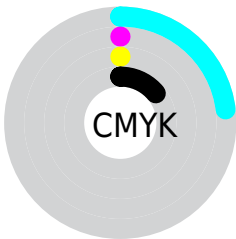
Distribution



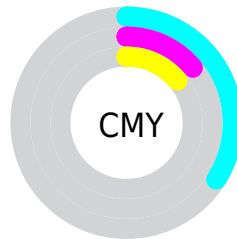
- Red (66%)
- Green (86%)
- Blue (86%)



- Red (66%)
- Yellow (76%)
- Blue (86%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)





- Cyan (34%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1023, 0.2784, 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 64.1023, 0.2784, 0.3289 by changing the saturation by 10% instead.


 64.1023, 0.2784,
0.3289

 64.1023, 0.2784,
0.3289


439.5590, 0.2945,
0.3292

 46.7335, 0.2747,
0.3288


 110.7583, 0.2840,
0.3290

 32.8251, 0.2700,
0.3286


 140.8142, 0.2862,
0.3291

 21.9925, 0.2641,
0.3284


175.8681, 0.2881,
0.3291

 13.8514, 0.2563,
0.3280

216.3042, 0.2897,
0.3291

 8.0174, 0.2455,
0.3272

262.5069, 0.2911,
0.3291

 4.1061, 0.2298,
0.3258

314.8607, 0.2924,

 1.7331, 0.2046,

0.3291

373.7499, 0.2935,
0.3291

0.3227

0.4449, 0.0181,
0.3346

0.0000, 0.0000,
0.0000

64.1023, 0.2784,
0.3289

64.1023, 0.2784,
0.3289

61.9008, 0.2656,
0.3289

66.7138, 0.2925,
0.3289

60.0813, 0.2543,
0.3288

69.7463, 0.3076,
0.3290

58.6242, 0.2447,
0.3288

73.2201, 0.3233,
0.3290

57.5053, 0.2370,
0.3288

77.0450, 0.3390,
0.3291

■ 56.6975, 0.2313,
0.3288

■ 77.0451, 0.3390,
0.3291

■ 56.1694, 0.2275,
0.3288

■ 77.0451, 0.3390,
0.3291

■ 55.8829, 0.2254,
0.3288

■ 77.0452, 0.3390,
0.3291

■ 55.7842, 0.2247,
0.3288

■ 77.0453, 0.3390,
0.3291

■ 77.0453, 0.3390,
0.3291

Harmonies

Analogous

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



64.1023, 0.2942, 0.3488



64.1023, 0.2784, 0.3289



64.1023, 0.2717, 0.3099

Triad

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



64.1023, 0.2784, 0.3289



64.1023, 0.3090, 0.2978



64.1023, 0.3511, 0.3605

Complementary

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



64.1023, 0.2784, 0.3289



45.8773, 0.3607, 0.3291

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.



64.1023, 0.3556, 0.3458



64.1023, 0.2784, 0.3289



64.1023, 0.3308, 0.3103

Square

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



64.1023, 0.2784, 0.3289



64.1023, 0.2889, 0.2928



64.1023, 0.3481, 0.3276



64.1023, 0.3361, 0.3672

Rectangle

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



64.1023, 0.2784, 0.3289



64.1023, 0.2730, 0.3004



64.1023, 0.3481, 0.3276



64.1023, 0.3539, 0.3563

Sweetspot

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



64.1049, 0.2784, 0.3289



96.7703, 0.3018, 0.3290



61.9092, 0.3102, 0.3942



20.6563, 0.3009, 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.



64.1049, 0.2784, 0.3289



88.8808, 0.2719, 0.3289



52.1687, 0.2759, 0.2981



14.8296, 0.2982, 0.3290



33.0730, 0.2247, 0.3288



2.1426, 0.2247, 0.3288

Inverse Universe

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



45.8773, 0.3607, 0.3291



58.8191, 0.3744, 0.3292



55.8660, 0.3542, 0.3580



13.0515, 0.3292, 0.3290



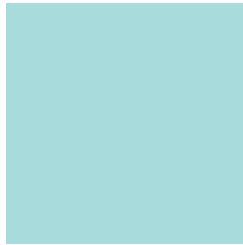
8.9299, 0.6401, 0.3300



0.5785, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 64.1023, 0.2784, 0.3289 looks on a white background.

Color Contrast Check

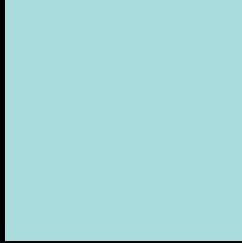
Large Text (above 18pt) WCAG AA × Fail

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 64.1023, 0.2784, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

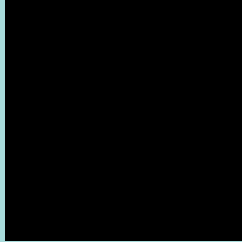
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

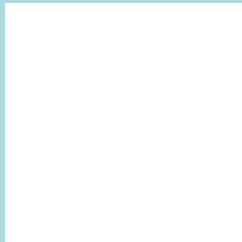
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1023, 0.2784, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 64.1023, 0.2784, 0.3289.



This preview shows how white text looks on a background with the Yxy color 64.1023, 0.2784, 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

64.1023, 0.2784, 0.3289

Protanopia

63.7141, 0.3122, 0.3245

Deuteranopia

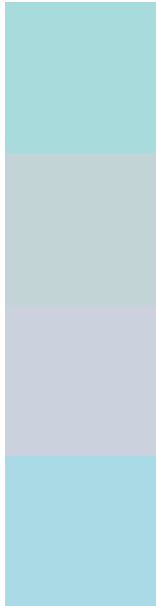
63.6738, 0.3145, 0.3082



Tritanopia

64.2241, 0.2715, 0.3089

Trichromacy



Original Color

64.1023, 0.2784, 0.3289

Protanomaly

63.5954, 0.2984, 0.3255

Deuteranomaly

63.5179, 0.3002, 0.3153

Tritanomaly

64.3460, 0.2738, 0.3158

Monochromacy



Original Color

64.1023, 0.2784, 0.3289

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.2807, 0.2995, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1023, 0.2784, 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(168, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(168, 219, 219)  
}
```

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(168, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 219, 219) }
```

Border

The CSS property to change the border of an element to Yxy 64.1023, 0.2784, 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(168, 219, 219) }
```

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

```
.border{ border-color:rgb(168, 219, 219) }
```

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

Here you see how a box with a 4 pixel rgb(168, 219, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(168, 219,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1023, 0.2784, 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(168, 219, 219) }
```

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

```
.background{ background-color: rgb(168,  
219, 219) }
```

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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