

Converting Colors

$Yxy(62.1057, 0.2552, 0.3288)$

Have a look what the booklet for
Yxy(62.1057, 0.2552, 0.3288)
contains.

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Color

Yxy(62.1057, 0.2552, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	80DEDE
RGB	128, 222, 222
RGB Percent	50%, 87%, 87%
CMY	0.4983, 0.1294, 0.1293
CMYK	0.42, 0.00, 0.00, 0.13
HSL	180°, 59%, 69%
HSV	180°, 42%, 87%
XYZ	48.2037, 62.1057, 78.5766
YIQ	193.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

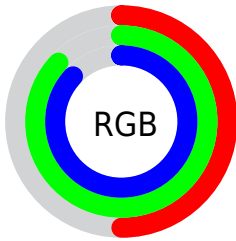
Format	Color
RYB	128, 175, 222
Decimal	8445662
CIELab	82.97, -27.86, -8.76
CIELCh	83, 29.202, 197.449
Yxy	62.1057, 0.2552, 0.3288
Android (android.graphics.Color)	4286635742 (0xFF80DEDE)
YUV	193.8940, 13.8563, -57.7890
Hunter-Lab	78.8072, -28.7301, -3.9515

Details

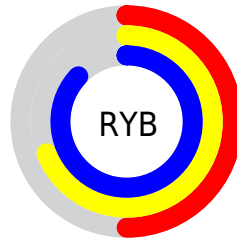
The Yxy color **62.1057, 0.2552, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.5184, 0.4227, 0.3294**, and the grayscale version is **53.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **31.7295, 0.2416, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **60.5690, 0.2455, 0.3288**, and if you desaturate by 10%, it is **64.0239, 0.2667, 0.3288**.

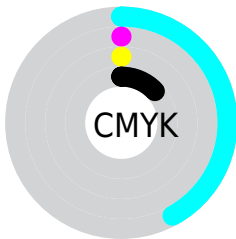
Distribution



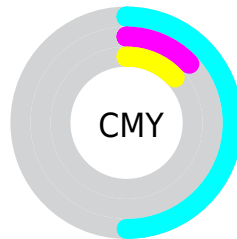
- Red (50%)
- Green (87%)
- Blue (87%)



- Red (50%)
- Yellow (69%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)





- Cyan (50%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1057, 0.2552, 0.3288 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 62.1057, 0.2552, 0.3288 by changing the saturation by 10% instead.


 62.1057, 0.2552,
0.3288

 62.1057, 0.2552,
0.3288


432.3165, 0.2821,
0.3295

 45.1181, 0.2490,
0.3285


 107.8783, 0.2646,
0.3291

 31.5505, 0.2413,
0.3280


 137.4321, 0.2682,
0.3292

 21.0184, 0.2316,
0.3273


 171.9434, 0.2713,
0.3293

 13.1374, 0.2188,
0.3262

211.7966, 0.2741,
0.3294

 7.5233, 0.2015,
0.3241

257.3761, 0.2764,
0.3294

 3.7914, 0.1766,
0.3201

309.0664, 0.2785,

 1.5576, 0.1370,

0.3294

0.3118

367.2517, 0.2804,
0.3295

0.3288, 0.0000,
0.2531

0.0000, 0.0000,
0.0000

62.1057, 0.2552,
0.3288

62.1057, 0.2552,
0.3288

60.5690, 0.2455,
0.3288

64.0239, 0.2667,
0.3288

59.3816, 0.2376,
0.3287


66.3389, 0.2796,
0.3289

58.5181, 0.2317,
0.3287


69.0738, 0.2938,
0.3289

57.9466, 0.2277,
0.3287

72.2482, 0.3090,
0.3290

 57.6285, 0.2255,
0.3287


 75.8801, 0.3248,
0.3290

 57.5080, 0.2246,
0.3287

 78.8009, 0.3364,
0.3291

 78.8037, 0.3364,
0.3291

 78.8065, 0.3364,
0.3291

 78.8093, 0.3364,
0.3291

Harmonies

Analogous

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



62.1057, 0.2815, 0.3644



62.1057, 0.2552, 0.3288



62.1057, 0.2440, 0.2959

Triad

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



62.1057, 0.2552, 0.3288



62.1057, 0.3048, 0.2767



62.1057, 0.3788, 0.3813

Complementary

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



62.1057, 0.2552, 0.3288



32.5184, 0.4227, 0.3294

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.



62.1057, 0.3867, 0.3552



62.1057, 0.2552, 0.3288



62.1057, 0.3425, 0.2968

Square

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



62.1057, 0.2552, 0.3288



62.1057, 0.2713, 0.2685



62.1057, 0.3732, 0.3248



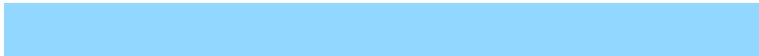
62.1057, 0.3529, 0.3951

Rectangle

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



62.1057, 0.2552, 0.3288



62.1057, 0.2459, 0.2802



62.1057, 0.3732, 0.3248



62.1057, 0.3837, 0.3735

Sweetspot

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



62.1081, 0.2552, 0.3288



94.2409, 0.2928, 0.3289



58.4010, 0.3066, 0.4601



19.9843, 0.2896, 0.3289



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.



62.1081, 0.2552, 0.3288



83.0766, 0.2464, 0.3288



40.5132, 0.2447, 0.2650



15.5718, 0.2982, 0.3290



34.1473, 0.2246, 0.3287



2.3671, 0.2246, 0.3287

Inverse Universe

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



36.2303, 0.3176, 0.2255



43.1326, 0.3185, 0.2062



47.7451, 0.3977, 0.3847



13.9356, 0.3138, 0.3059



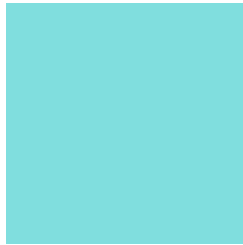
12.3552, 0.3210, 0.1542



0.8564, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 62.1057, 0.2552, 0.3288 looks on a white background.

Color Contrast Check

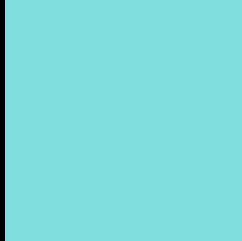
Large Text (above 18pt) WCAG AA × Fail

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 62.1057, 0.2552, 0.3288 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 62.1057, 0.2552, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 62.1057, 0.2552, 0.3288.

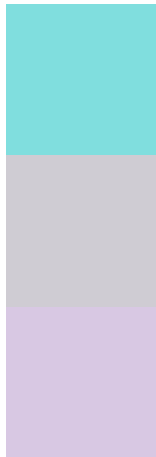


This preview shows how white text looks on a background with the Yxy color 62.1057, 0.2552, 0.3288.

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

62.1057, 0.2552, 0.3288

Protanopia

61.1543, 0.3101, 0.3209

Deuteranopia

61.4535, 0.3058, 0.2990



Tritanopia

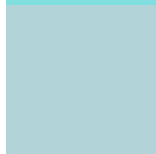
62.2064, 0.2494, 0.3078

Trichromacy



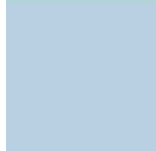
Original Color

62.1057, 0.2552, 0.3288



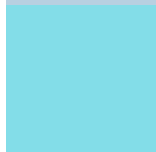
Protanomaly

60.9598, 0.2867, 0.3241



Deuteranomaly

60.7383, 0.2843, 0.3088



Tritanomaly

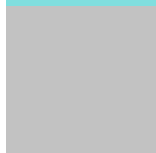
62.3644, 0.2515, 0.3151

Monochromacy



Original Color

62.1057, 0.2552, 0.3288



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.0914, 0.2878, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1057, 0.2552, 0.3288 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(128, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(128, 222, 222)  
}
```

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(128, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 222, 222) }
```

Border

The CSS property to change the border of an element to Yxy 62.1057, 0.2552, 0.3288 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(128, 222, 222) }
```

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

```
.border{ border-color:rgb(128, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(128, 222,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1057, 0.2552, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 222, 222) }
```

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

```
.background{ background-color: rgb(128,  
222, 222) }
```

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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