

Converting Colors

$Yxy(62.8901, 0.2549, 0.3309)$

Have a look what the booklet for
Yxy(62.8901, 0.2549, 0.3309)
contains.

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Color

Yxy(63.0973, 0.2552, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	7FE0DE
RGB	127, 224, 222
RGB Percent	50%, 88%, 87%
CMY	0.5020, 0.1215, 0.1295
CMYK	0.43, 0.00, 0.01, 0.12
HSL	179°, 61%, 69%
HSV	179°, 43%, 88%
XYZ	48.5891, 63.0973, 78.7098
YIQ	194.7690, -57.1700, -21.1860

Conversions

Conversions Part 2

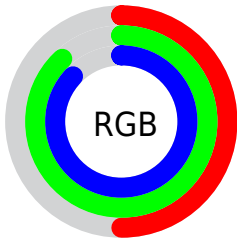
Format	Color
RYB	127, 176, 224
Decimal	8380638
CIELab	83.49, -29.06, -7.95
CIElCh	83, 30.126, 195.310
Yxy	63.0973, 0.2552, 0.3314
Android (android.graphics.Color)	4286570718 (0xFF7FE0DE)
YUV	194.7690, 13.4249, -59.4334
Hunter-Lab	79.4338, -29.8220, -3.1459

Details

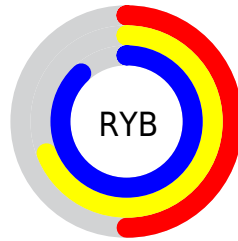
The Yxy color **63.0973, 0.2552, 0.3314** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.6106, 0.4240, 0.3269**, and the grayscale version is **54.3721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **32.0242, 0.2411, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **61.5418, 0.2458, 0.3321**, and if you desaturate by 10%, it is **65.0401, 0.2663, 0.3308**.

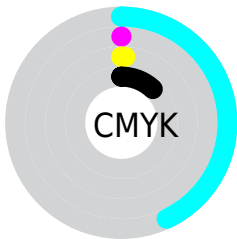
Distribution



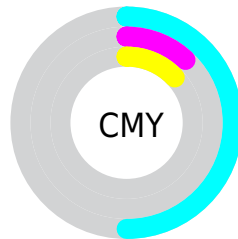
- Red (50%)
- Green (88%)
- Blue (87%)



- Red (50%)
- Yellow (69%)
- Blue (88%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (50%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0973, 0.2552, 0.3314 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 63.0973, 0.2552, 0.3314 by changing the saturation by 10% instead.


 63.0973, 0.2552,
0.3314


 63.0973, 0.2552,
0.3314


435.9225, 0.2820,
0.3308


 45.9199, 0.2490,
0.3314


 109.3099, 0.2645,
0.3313

 32.1826, 0.2414,
0.3313


 139.1139, 0.2682,
0.3312

 21.5010, 0.2317,
0.3311


 173.8955, 0.2713,
0.3312

 13.4907, 0.2190,
0.3306

214.0392, 0.2740,
0.3311

 7.7673, 0.2018,
0.3295

259.9294, 0.2764,
0.3310

 3.9464, 0.1772,
0.3269

311.9504, 0.2785,

 1.6436, 0.1387,

0.3309

370.4866, 0.2804,
0.3309

0.3209

0.3868, 0.0000,
0.2835

0.0000, 0.0000,
0.0000

63.0973, 0.2552,
0.3314

63.0973, 0.2552,
0.3314

61.5418, 0.2458,
0.3321

65.0401, 0.2663,
0.3308

60.3407, 0.2383,
0.3327


67.3860, 0.2790,
0.3302

59.4675, 0.2327,
0.3334

70.1591, 0.2929,
0.3297

58.8890, 0.2290,
0.3341


73.3791, 0.3077,
0.3292


 58.5651, 0.2271,
0.3347

 77.0648, 0.3231,
0.3287

 58.4471, 0.2264,
0.3352

 80.0003, 0.3343,
0.3283

 80.0259, 0.3340,
0.3278

 80.0516, 0.3336,
0.3273

 80.0773, 0.3333,
0.3269

Harmonies

Analogous

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



63.0973, 0.2830, 0.3677



63.0973, 0.2552, 0.3314



63.0973, 0.2425, 0.2971

Triad

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



63.0973, 0.2552, 0.3314



63.0973, 0.3019, 0.2744



63.0973, 0.3818, 0.3809

Complementary

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



63.0973, 0.2552, 0.3314



32.6106, 0.4240, 0.3269

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.



63.0973, 0.3884, 0.3536



63.0973, 0.2552, 0.3314



63.0973, 0.3406, 0.2942

Square

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



63.0973, 0.2552, 0.3314



63.0973, 0.2681, 0.2670



63.0973, 0.3731, 0.3224



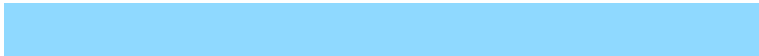
63.0973, 0.3562, 0.3964

Rectangle

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



63.0973, 0.2552, 0.3314



63.0973, 0.2437, 0.2804



63.0973, 0.3731, 0.3224



63.0973, 0.3864, 0.3727

Sweetspot

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



63.0998, 0.2552, 0.3314



94.2014, 0.2932, 0.3296



59.6113, 0.3084, 0.4627



19.9744, 0.2900, 0.3298



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.



63.0998, 0.2552, 0.3314



82.7295, 0.2466, 0.3320



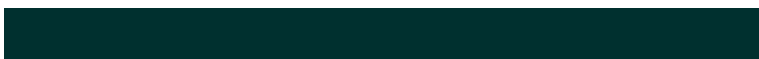
42.0271, 0.2439, 0.2678



15.5672, 0.2985, 0.3295



34.0201, 0.2264, 0.3351



2.3597, 0.2261, 0.3340

Inverse Universe

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



32.6106, 0.4240, 0.3269



36.7626, 0.4617, 0.3267



46.9870, 0.4017, 0.3823



13.7052, 0.3289, 0.3286



9.2323, 0.6377, 0.3287



0.6416, 0.6309, 0.3249

Previews

White Background



This preview shows how the Yxy color 63.0973, 0.2552, 0.3314 looks on a white background.

Color Contrast Check

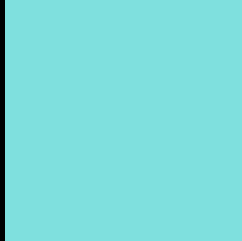
Large Text (above 18pt) WCAG AA × Fail

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 63.0973, 0.2552, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

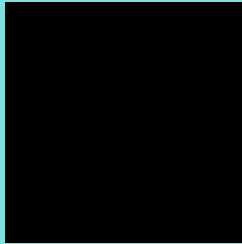
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0973, 0.2552, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 63.0973, 0.2552, 0.3314.



This preview shows how white text looks on a background with the Yxy color 63.0973, 0.2552, 0.3314.

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

63.0973, 0.2552, 0.3314

Protanopia

62.4011, 0.3115, 0.3233

Deuteranopia

62.2248, 0.3072, 0.3003



Tritanopia

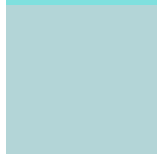
62.8504, 0.2487, 0.3067

Trichromacy



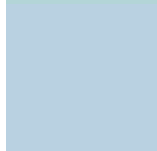
Original Color

63.0973, 0.2552, 0.3314



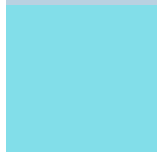
Protanomaly

62.0785, 0.2875, 0.3265



Deuteranomaly

61.3515, 0.2851, 0.3101



Tritanomaly

62.8716, 0.2508, 0.3152

Monochromacy



Original Color

63.0973, 0.2552, 0.3314



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

57.0964, 0.2872, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0973, 0.2552, 0.3314 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(127, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(127, 224, 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(127, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 63.0973, 0.2552, 0.3314 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(127, 224, 222) }
```

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

```
.border{ border-color:rgb(127, 224, 222) }
```

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

Here you see how a box with a 4 pixel rgb(127, 224, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(127, 224,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0973, 0.2552, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 224, 222) }
```

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

```
.background{ background-color: rgb(127,  
224, 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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