

Converting Colors

$Y_{xy}(62.2843, 0.2539, 0.3346)$

Have a look what the booklet for
Yxy(62.2843, 0.2539, 0.3346)
contains.

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Color

Yxy(62.4907, 0.2539, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	79E0DB
RGB	121, 224, 219
RGB Percent	47%, 88%, 86%
CMY	0.5253, 0.1216, 0.1411
CMYK	0.46, 0.00, 0.02, 0.12
HSL	177°, 62%, 68%
HSV	177°, 46%, 88%
XYZ	47.3341, 62.4907, 76.6033
YIQ	192.6330, -59.7830, -23.3910

Conversions

Conversions Part 2

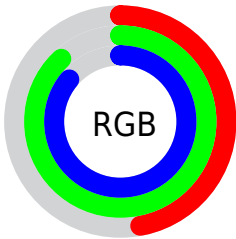
Format	Color
RYB	121, 174, 224
Decimal	7987419
CIELab	83.17, -31.15, -6.89
CIELCh	83, 31.903, 192.473
Yxy	62.4907, 0.2539, 0.3352
Android (android.graphics.Color)	4286177499 (0xFF79E0DB)
YUV	192.6330, 12.9989, -62.8221
Hunter-Lab	79.0511, -31.4573, -2.1184

Details

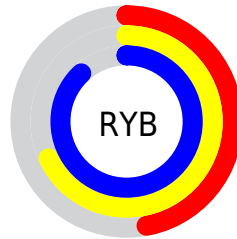
The Yxy color **62.4907, 0.2539, 0.3352** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.0392, 0.4310, 0.3235**, and the grayscale version is **53.0586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **31.6777, 0.2398, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **61.0009, 0.2452, 0.3368**, and if you desaturate by 10%, it is **64.3615, 0.2644, 0.3337**.

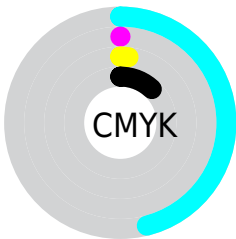
Distribution



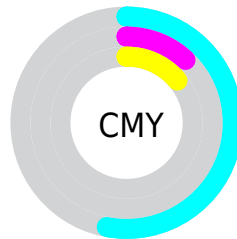
- Red (47%)
- Green (88%)
- Blue (86%)



- Red (47%)
- Yellow (68%)
- Blue (88%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4907, 0.2539, 0.3352 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 62.4907, 0.2539, 0.3352 by changing the saturation by 10% instead.

 62.4907, 0.2539,
0.3352


 62.4907, 0.2539,
0.3352


433.7188, 0.2814,
0.3328


 45.4293, 0.2476,
0.3356

 108.4344, 0.2635,
0.3345

 31.7957, 0.2397,
0.3361


 138.0855, 0.2672,
0.3341

 21.2055, 0.2297,
0.3366


 172.7020, 0.2704,
0.3339

 13.2743, 0.2167,
0.3370

212.6683, 0.2732,
0.3336

 7.6177, 0.1989,
0.3371

258.3687, 0.2756,
0.3334

 3.8513, 0.1734,
0.3364

310.1876, 0.2778,

 1.5907, 0.1314,

0.3332

368.5095, 0.2797,
0.3330

0.3340

0.3513, 0.0000,
0.2890

0.0000, 0.0000,
0.0000

62.4907, 0.2539,
0.3352

62.4907, 0.2539,
0.3352

61.0009, 0.2452,
0.3368

64.3615, 0.2644,
0.3337

59.8584, 0.2383,
0.3384


66.6297, 0.2764,
0.3323

59.0358, 0.2334,
0.3400


69.3198, 0.2897,
0.3309

58.4984, 0.2304,
0.3416

72.4520, 0.3039,
0.3297


 58.2032, 0.2291,
0.3432


 76.0452, 0.3188,
0.3286

 58.1226, 0.2288,
0.3438

 80.0332, 0.3338,
0.3275

 80.0926, 0.3330,
0.3265

 80.1523, 0.3323,
0.3254

 80.2124, 0.3316,
0.3243

Harmonies

Analogous

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



62.4907, 0.2845, 0.3735



62.4907, 0.2539, 0.3352



62.4907, 0.2389, 0.2979

Triad

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



62.4907, 0.2539, 0.3352



62.4907, 0.2973, 0.2699



62.4907, 0.3877, 0.3815

Complementary

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



62.4907, 0.2539, 0.3352



31.0392, 0.4310, 0.3235

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.



62.4907, 0.3926, 0.3517



62.4907, 0.2539, 0.3352



62.4907, 0.3385, 0.2898

Square

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



62.4907, 0.2539, 0.3352



62.4907, 0.2627, 0.2634



62.4907, 0.3743, 0.3189



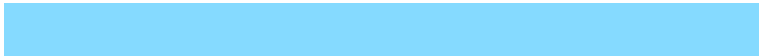
62.4907, 0.3620, 0.3999

Rectangle

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



62.4907, 0.2539, 0.3352



62.4907, 0.2390, 0.2794



62.4907, 0.3743, 0.3189



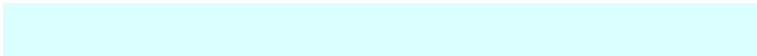
62.4907, 0.3919, 0.3724

Sweetspot

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



62.4931, 0.2539, 0.3352



93.7362, 0.2922, 0.3307



59.1409, 0.3090, 0.4718



19.8798, 0.2892, 0.3310



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.



62.4931, 0.2539, 0.3352



81.9397, 0.2456, 0.3367



41.1587, 0.2402, 0.2658



15.5603, 0.2988, 0.3301



33.8381, 0.2288, 0.3435



2.3490, 0.2281, 0.3411

Inverse Universe

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



31.0392, 0.4310, 0.3235



34.8577, 0.4707, 0.3228



45.0026, 0.4098, 0.3835



13.7112, 0.3285, 0.3279



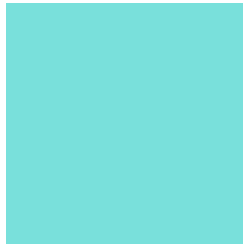
9.2429, 0.6347, 0.3270



0.6445, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 62.4907, 0.2539, 0.3352 looks on a white background.

Color Contrast Check

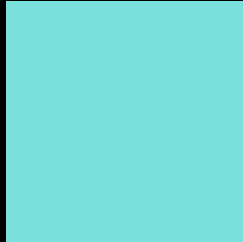
Large Text (above 18pt) WCAG AA × Fail

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 62.4907, 0.2539, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

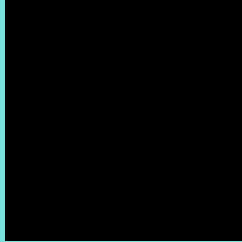
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4907, 0.2539, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 62.4907, 0.2539, 0.3352.

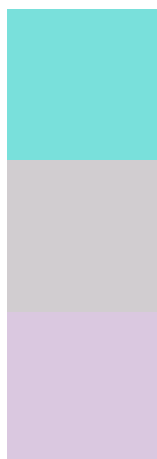


This preview shows how white text looks on a background with the Yxy color 62.4907, 0.2539, 0.3352.

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

62.4907, 0.2539, 0.3352

Protanopia

61.7720, 0.3136, 0.3256

Deuteranopia

61.5958, 0.3094, 0.3024



Tritanopia

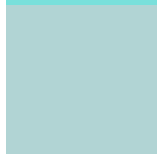
62.4569, 0.2464, 0.3066

Trichromacy



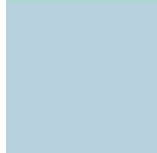
Original Color

62.4907, 0.2539, 0.3352



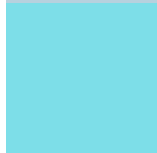
Protanomaly

61.1875, 0.2879, 0.3289



Deuteranomaly

60.9421, 0.2856, 0.3135



Tritanomaly

62.4287, 0.2490, 0.3163

Monochromacy



Original Color

62.4907, 0.2539, 0.3352



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.6655, 0.2870, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4907, 0.2539, 0.3352 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(121, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(121, 224, 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(121, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 224, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.4907, 0.2539, 0.3352 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(121, 224, 219) }
```

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

```
.border{ border-color:rgb(121, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 224, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 224, 219); box-shadow:4px 4px 4px 4px rgb(121, 224, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4907, 0.2539, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 224, 219) }
```

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

```
.background{ background-color: rgb(121,  
224, 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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