

Converting Colors

$Yxy(62.1629, 0.2337, 0.3243)$

Have a look what the booklet for
Yxy(62.1629, 0.2337, 0.3243)
contains.

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Color

Yxy(62.2291, 0.2339, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	4DE3E6
RGB	77, 227, 230
RGB Percent	30%, 89%, 90%
CMY	0.6988, 0.1097, 0.0981
CMYK	0.67, 0.01, 0.00, 0.10
HSL	181°, 75%, 60%
HSV	181°, 67%, 90%
XYZ	44.7996, 62.2291, 84.5044
YIQ	182.4920, -90.3630, -30.8670

Conversions

Conversions Part 2

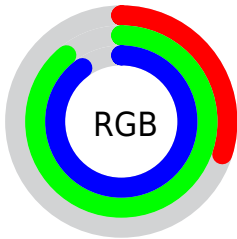
Format	Color
RYB	77, 153, 230
Decimal	5104614
CIELab	83.04, -37.76, -13.05
CIELCh	83, 39.947, 199.061
Yxy	62.2291, 0.2339, 0.3249
Android (android.graphics.Color)	4283294694 (0xFF4DE3E6)
YUV	182.4920, 23.4214, -92.5165
Hunter-Lab	78.8854, -36.6781, -8.2934

Details

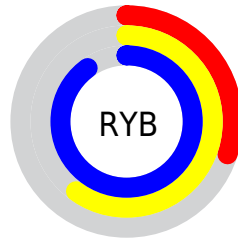
The Yxy color **62.2291, 0.2339, 0.3249** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.0603, 0.5307, 0.3324**, and the grayscale version is **46.9416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6693, 0.2536, 0.3288**, and **32.2210, 0.2227, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **61.1969, 0.2286, 0.3242**, and if you desaturate by 10%, it is **63.6044, 0.2412, 0.3256**.

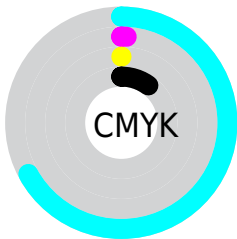
Distribution



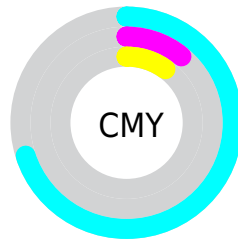
- Red (30%)
- Green (89%)
- Blue (90%)



- Red (30%)
- Yellow (60%)
- Blue (90%)



- Cyan (67%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)





- Cyan (70%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2291, 0.2339, 0.3249 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 62.2291, 0.2339, 0.3249 by changing the saturation by 10% instead.


 62.2291, 0.2339,
0.3249


 62.2291, 0.2339,
0.3249


432.7663, 0.2704,
0.3279


 45.2178, 0.2256,
0.3239


 108.0566, 0.2465,
0.3262


 31.6290, 0.2155,
0.3225


 137.6416, 0.2514,
0.3266

 21.0783, 0.2028,
0.3205


 172.1866, 0.2557,
0.3270

 13.1813, 0.1863,
0.3174

 212.0761, 0.2594,
0.3272

 7.5535, 0.1645,
0.3124

257.6944, 0.2626,
0.3275

 3.8106, 0.1345,
0.3034

309.4260, 0.2655,

 1.5682, 0.0827,

0.3277

0.2883

367.6551, 0.2680,
0.3278

0.3360, 0.0000,
0.2037

0.0000, 0.0000,
0.0000

62.2291, 0.2339,
0.3249

62.2291, 0.2339,
0.3249

61.1969, 0.2286,
0.3242

63.6044, 0.2412,
0.3256

60.4631, 0.2252,
0.3236


65.3478, 0.2503,
0.3262

59.9827, 0.2234,
0.3230


67.4899, 0.2613,
0.3269


59.8500, 0.2230,
0.3228


70.0565, 0.2738,
0.3275

 73.0708, 0.2876,
0.3281

 76.5548, 0.3025,
0.3287

 80.5286, 0.3181,
0.3292

 83.8936, 0.3300,
0.3296

 84.1430, 0.3299,
0.3301

Harmonies

Analogous

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



62.2291, 0.2674, 0.3757



62.2291, 0.2339, 0.3249



62.2291, 0.2208, 0.2809

Triad

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



62.2291, 0.2339, 0.3249



62.2291, 0.3041, 0.2606



62.2291, 0.4009, 0.4001

Complementary

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



62.2291, 0.2339, 0.3249



23.0603, 0.5307, 0.3324

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.



62.2291, 0.4141, 0.3645



62.2291, 0.2339, 0.3249



62.2291, 0.3558, 0.2876

Square

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



62.2291, 0.2339, 0.3249



62.2291, 0.2586, 0.2486



62.2291, 0.3975, 0.3243



62.2291, 0.3638, 0.4201

Rectangle

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



62.2291, 0.2339, 0.3249



62.2291, 0.2242, 0.2612



62.2291, 0.3975, 0.3243



62.2291, 0.4084, 0.3893

Sweetspot

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



62.2314, 0.2339, 0.3249



90.9480, 0.2826, 0.3279



58.7278, 0.3018, 0.5409



19.2359, 0.2787, 0.3277



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.



62.2314, 0.2339, 0.3249



76.9458, 0.2271, 0.3240



29.3673, 0.2074, 0.2147



16.2859, 0.2982, 0.3285



33.9095, 0.2230, 0.3229



2.5212, 0.2233, 0.3238

Inverse Universe

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



27.6502, 0.3228, 0.1816



30.5955, 0.3244, 0.1658



41.1163, 0.4609, 0.4134



14.6102, 0.3141, 0.3063



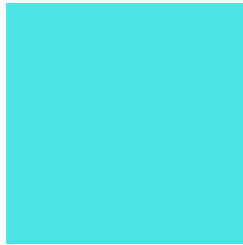
12.6209, 0.3258, 0.1568



0.9342, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 62.2291, 0.2339, 0.3249 looks on a white background.

Color Contrast Check

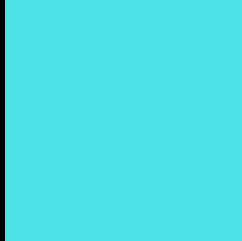
Large Text (above 18pt) WCAG AA × Fail

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 62.2291, 0.2339, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

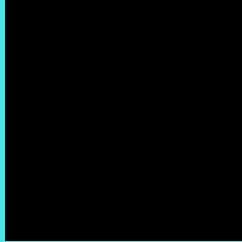
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2291, 0.2339, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 62.2291, 0.2339, 0.3249.



This preview shows how white text looks on a background with the Yxy color 62.2291, 0.2339, 0.3249.

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

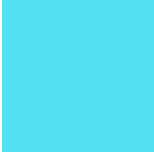
62.2291, 0.2339, 0.3249

Protanopia

61.2654, 0.3058, 0.3152

Deuteranopia

61.0663, 0.2952, 0.2890



Tritanopia

62.2063, 0.2300, 0.3060

Trichromacy



Original Color

62.2291, 0.2339, 0.3249



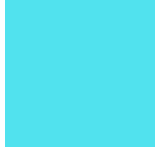
Protanomaly

59.6784, 0.2710, 0.3178



Deuteranomaly

59.7151, 0.2652, 0.2999



Tritanomaly

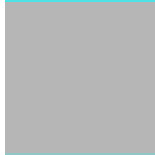
62.3151, 0.2315, 0.3134

Monochromacy



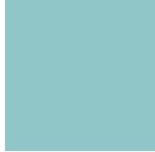
Original Color

62.2291, 0.2339, 0.3249



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

50.4410, 0.2728, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2291, 0.2339, 0.3249 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(77, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(77, 227, 230)  
}
```

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(77, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 227, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.2291, 0.2339, 0.3249 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(77, 227, 230) }
```

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

```
.border{ border-color:rgb(77, 227, 230) }
```

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

Here you see how a box with a 4 pixel rgb(77, 227, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(77, 227,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2291, 0.2339, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 227, 230) }
```

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

```
.background{ background-color: rgb(77, 227,  
230) }
```

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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