

Converting Colors

$Yxy(61.9373, 0.2336, 0.3563)$

Have a look what the booklet for
Yxy(61.9373, 0.2336, 0.3563)
contains.

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Color

Yxy(62.0371, 0.2336, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	17E7D3
RGB	23, 231, 211
RGB Percent	9%, 91%, 83%
CMY	0.9097, 0.0941, 0.1726
CMYK	0.90, 0.00, 0.09, 0.09
HSL	174°, 82%, 50%
HSV	174°, 90%, 91%
XYZ	40.6846, 62.0371, 71.4419
YIQ	166.5280, -117.5480, -50.3160

Conversions

Conversions Part 2

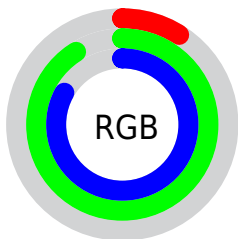
Format	Color
R_{YB}	23, 132, 231
Decimal	1566675
CIE Lab	82.93, -49.62, -3.22
CIE LCh	83, 49.720, 183.710
Yxy	62.0371, 0.2336, 0.3562
Android (android.graphics.Color)	4279756755 (0xFF17E7D3)
YUV	166.5280, 21.9247, -125.8741
Hunter-Lab	78.7636, -45.6338, 1.3560

Details

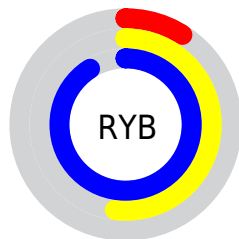
The Yxy color **62.0371, 0.2336, 0.3562** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **17.7785, 0.6080, 0.3208**, and the grayscale version is **38.3406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4530, 0.2433, 0.3288**, and **32.7064, 0.2332, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **61.7465, 0.2332, 0.3595**, and if you desaturate by 10%, it is **62.5531, 0.2355, 0.3529**.

Distribution



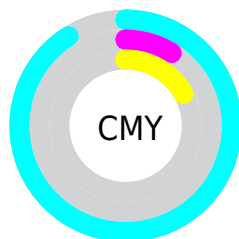
- Red (9%)
- Green (91%)
- Blue (83%)



- Red (9%)
- Yellow (52%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)





- Cyan (91%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0371, 0.2336, 0.3562 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 62.0371, 0.2336, 0.3562 by changing the saturation by 10% instead.


 62.0371, 0.2336,
0.3562


 62.0371, 0.2336,
0.3562


432.0664, 0.2706,
0.3438


 45.0627, 0.2251,
0.3589


 107.7791, 0.2465,
0.3520

 31.5068, 0.2146,
0.3623


 137.3156, 0.2515,
0.3503


 20.9851, 0.2013,
0.3664


 171.8081, 0.2558,
0.3489

 13.1131, 0.1840,
0.3716

 211.6412, 0.2595,
0.3476

 7.5065, 0.1608,
0.3783

 257.1991, 0.2628,
0.3465

 3.7808, 0.1285,
0.3868

308.8664, 0.2657,

 1.5517, 0.0400,

0.3455

0.4150

367.0273, 0.2683,
0.3446

■ 0.3247, 0.0000,
0.3595

■ 0.0000, 0.0000,
0.0000

■ 62.0371, 0.2336,
0.3562

■ 62.0371, 0.2336,
0.3562

■ 61.7465, 0.2332,
0.3595

■ 62.5531, 0.2355,
0.3529

■ 63.3568, 0.2393,
0.3496

■ 64.4909, 0.2450,
0.3462

■ 65.9896, 0.2526,
0.3430

67.8828, 0.2621,
0.3398

70.1970, 0.2730,
0.3368

72.9569, 0.2853,
0.3340

76.1848, 0.2986,
0.3314

79.9018, 0.3127,
0.3290

Harmonies

Analogous

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



62.0371, 0.2842, 0.4164



62.0371, 0.2336, 0.3562



62.0371, 0.2054, 0.2935

Triad

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



62.0371, 0.2336, 0.3562



62.0371, 0.2708, 0.2361



62.0371, 0.4345, 0.3930

Complementary

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



62.0371, 0.2336, 0.3562



17.7785, 0.6080, 0.3208

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.



62.0371, 0.4333, 0.3453



62.0371, 0.2336, 0.3562



62.0371, 0.3328, 0.2599

Square

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



62.0371, 0.2336, 0.3562



62.0371, 0.2253, 0.2318



62.0371, 0.3946, 0.2984



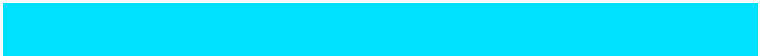
62.0371, 0.4009, 0.4315

Rectangle

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



62.0371, 0.2336, 0.3562



62.0371, 0.2009, 0.2619



62.0371, 0.3946, 0.2984



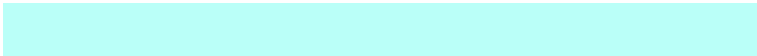
62.0371, 0.4384, 0.3775

Sweetspot

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



62.0395, 0.2336, 0.3562



88.7782, 0.2765, 0.3360



57.7485, 0.3040, 0.5899



18.7645, 0.2724, 0.3370



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.



62.0395, 0.2336, 0.3562



77.2581, 0.2332, 0.3596



27.0737, 0.1921, 0.2052



16.3112, 0.2994, 0.3313



34.6243, 0.2330, 0.3589



2.5656, 0.2317, 0.3541

Inverse Universe

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



17.7785, 0.6080, 0.3208



21.3283, 0.6316, 0.3253



27.4048, 0.5487, 0.3928



14.3904, 0.3277, 0.3268



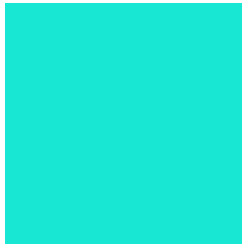
9.5653, 0.6287, 0.3237



0.7146, 0.6021, 0.3090

Previews

White Background



This preview shows how the Yxy color 62.0371, 0.2336, 0.3562 looks on a white background.

Color Contrast Check

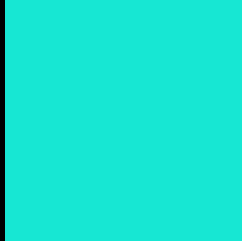
Large Text (above 18pt) WCAG AA × Fail

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 62.0371, 0.2336, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

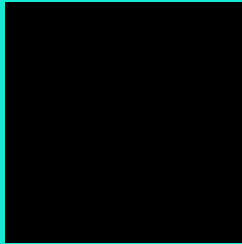
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

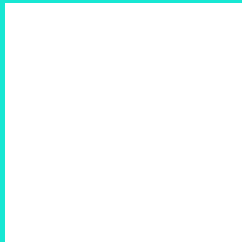
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0371, 0.2336, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 62.0371, 0.2336, 0.3562.

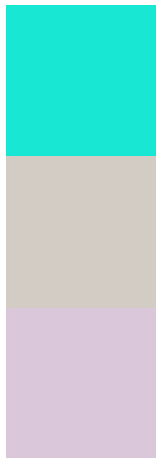


This preview shows how white text looks on a background with the Yxy color 62.0371, 0.2336, 0.3562.

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

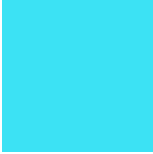
62.0371, 0.2336, 0.3562

Protanopia

60.8729, 0.3231, 0.3383

Deuteranopia

60.8142, 0.3137, 0.3078



Tritanopia

61.8850, 0.2242, 0.3057

Trichromacy



Original Color

62.0371, 0.2336, 0.3562



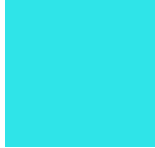
Protanomaly

58.0610, 0.2725, 0.3459



Deuteranomaly

57.6979, 0.2671, 0.3238



Tritanomaly

61.9173, 0.2272, 0.3235

Monochromacy



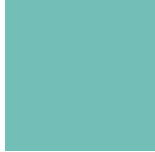
Original Color

62.0371, 0.2336, 0.3562



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

43.8906, 0.2630, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0371, 0.2336, 0.3562 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(23, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(23, 231, 211)  
}
```

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(23, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 231, 211) }
```

Border

The CSS property to change the border of an element to Yxy 62.0371, 0.2336, 0.3562 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(23, 231, 211) }
```

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

```
.border{ border-color:rgb(23, 231, 211) }
```

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

Here you see how a box with a 4 pixel rgb(23, 231, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(23, 231,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0371, 0.2336, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 231, 211) }
```

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

```
.background{ background-color: rgb(23, 231,  
211) }
```

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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