

Converting Colors

$Yxy(62.4977, 0.2638, 0.3703)$

Have a look what the booklet for
Yxy(62.4977, 0.2638, 0.3703)
contains.

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Color

Yxy(62.6367, 0.2637, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	74E3C4
RGB	116, 227, 196
RGB Percent	45%, 89%, 77%
CMY	0.5454, 0.1098, 0.2313
CMYK	0.49, 0.00, 0.14, 0.11
HSL	163°, 66%, 67%
HSV	163°, 49%, 89%
XYZ	44.6293, 62.6367, 61.9767
YIQ	190.2770, -56.2050, -33.1730

Conversions

Conversions Part 2

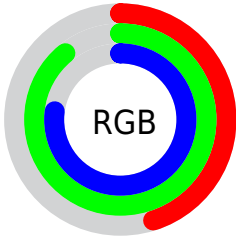
Format	Color
RYB	116, 181, 227
Decimal	7660484
CIELab	83.25, -39.18, 5.37
CIELCh	83, 39.547, 172.192
Yxy	62.6367, 0.2637, 0.3701
Android (android.graphics.Color)	4285850564 (0xFF74E3C4)
YUV	190.2770, 2.8214, -65.1409
Hunter-Lab	79.1434, -37.8439, 8.9707

Details

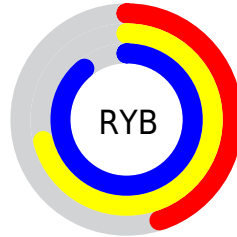
The Yxy color **62.6367, 0.2637, 0.3701** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **30.9089, 0.4099, 0.2934**, and the grayscale version is **51.6592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6105, 0.2681, 0.3310**, and **31.8910, 0.2516, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **60.9879, 0.2573, 0.3802**, and if you desaturate by 10%, it is **64.6826, 0.2717, 0.3604**.

Distribution



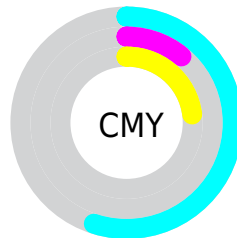
- Red (45%)
- Green (89%)
- Blue (77%)



- Red (45%)
- Yellow (71%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)




- Cyan (55%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6367, 0.2637, 0.3701 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 62.6367, 0.2637, 0.3701 by changing the saturation by 10% instead.


 62.6367, 0.2637,
0.3701

 62.6367, 0.2637,
0.3701


434.2498, 0.2871,
0.3502


 45.5474, 0.2582,
0.3749

 108.6452, 0.2720,
0.3630

 31.8888, 0.2512,
0.3810


 138.3332, 0.2751,
0.3603

 21.2766, 0.2423,
0.3889


 172.9895, 0.2779,
0.3580

 13.3263, 0.2304,
0.3996

212.9985, 0.2802,
0.3560

 7.6536, 0.2138,
0.4149

258.7447, 0.2823,
0.3542

 3.8741, 0.1891,
0.4384

310.6123, 0.2841,

 1.6034, 0.1332,

0.3527

0.4879

368.9859, 0.2857,
0.3514

■ 0.3599, 0.0000,
0.9568

■ 0.0000, 0.0000,
0.0000

■ 62.6367, 0.2637,
0.3701

■ 62.6367, 0.2637,
0.3701

■ 60.9879, 0.2573,
0.3802

■ 64.6826, 0.2717,
0.3604

■ 59.7004, 0.2527,
0.3907


■ 67.1437, 0.2810,
0.3514

■ 58.7444, 0.2502,
0.4013


■ 70.0457, 0.2914,
0.3429

■ 58.0819, 0.2496,
0.4119


■ 73.4101, 0.3024,
0.3353

 57.6541, 0.2508,
0.4223

 77.2572, 0.3140,
0.3283

 57.6142, 0.2510,
0.4235

 81.6058, 0.3257,
0.3221

 82.5171, 0.3235,
0.3159

 82.9008, 0.3193,
0.3098

 83.2977, 0.3153,
0.3038

Harmonies

Analogous

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



62.6367, 0.3096, 0.4089



62.6367, 0.2637, 0.3701



62.6367, 0.2324, 0.3199

Triad

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



62.6367, 0.2637, 0.3701



62.6367, 0.2633, 0.2499



62.6367, 0.4129, 0.3682

Complementary

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



62.6367, 0.2637, 0.3701



30.9089, 0.4099, 0.2934

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.



62.6367, 0.3995, 0.3285



62.6367, 0.2637, 0.3701



62.6367, 0.3095, 0.2635

Square

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



62.6367, 0.2637, 0.3701



62.6367, 0.2325, 0.2541



62.6367, 0.3603, 0.2915



62.6367, 0.3969, 0.4023

Rectangle

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



62.6367, 0.2637, 0.3701



62.6367, 0.2229, 0.2901



62.6367, 0.3603, 0.2915



62.6367, 0.4118, 0.3551

Sweetspot

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



62.6392, 0.2637, 0.3701



92.7852, 0.2956, 0.3399



62.4438, 0.3250, 0.4750



19.6672, 0.2932, 0.3416



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.



62.6392, 0.2637, 0.3701



79.3020, 0.2571, 0.3807



51.9389, 0.2426, 0.2971



16.2642, 0.3019, 0.3356



33.6174, 0.2505, 0.4219



2.4998, 0.2463, 0.4066

Inverse Universe

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



30.9089, 0.4099, 0.2934



33.3631, 0.4439, 0.2877



36.3453, 0.4345, 0.3573



14.4337, 0.3249, 0.3225



9.7527, 0.5830, 0.2985



0.7361, 0.5413, 0.2755

Previews

White Background



This preview shows how the Yxy color 62.6367, 0.2637, 0.3701 looks on a white background.

Color Contrast Check

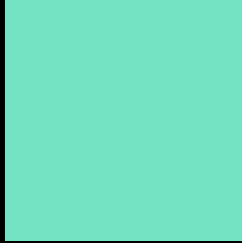
Large Text (above 18pt) WCAG AA × Fail

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 62.6367, 0.2637, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

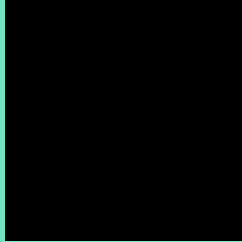
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

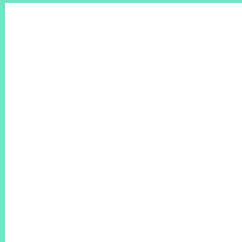
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6367, 0.2637, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 62.6367, 0.2637, 0.3701.

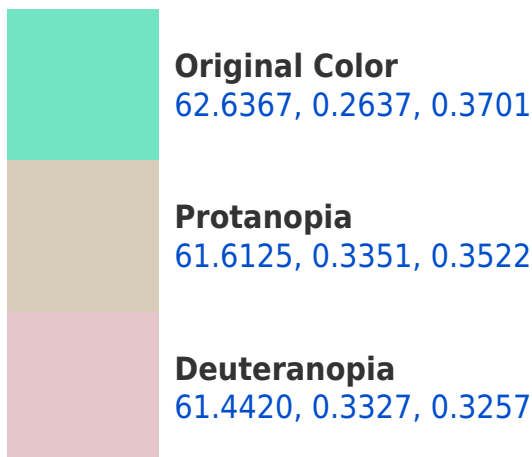


This preview shows how white text looks on a background with the Yxy color 62.6367, 0.2637, 0.3701.

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





Tritanopia

62.5341, 0.2468, 0.3066

Trichromacy



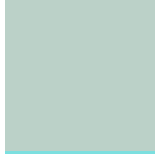
Original Color

62.6367, 0.2637, 0.3701



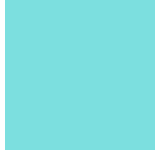
Protanomaly

60.8463, 0.3041, 0.3588



Deuteranomaly

60.3359, 0.3026, 0.3399



Tritanomaly

62.3882, 0.2531, 0.3288

Monochromacy



Original Color

62.6367, 0.2637, 0.3701



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.3042, 0.2906, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6367, 0.2637, 0.3701 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(116, 227, 196)` looks like.

```
.text, #text, p{  
    color:rgb(116, 227, 196)  
}
```

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(116, 227, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 227, 196) }
```

Border

The CSS property to change the border of an element to Yxy 62.6367, 0.2637, 0.3701 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(116, 227, 196) }
```

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

```
.border{ border-color:rgb(116, 227, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 227, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 227, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 227, 196); box-shadow:4px 4px 4px 4px rgb(116, 227, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6367, 0.2637, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 227, 196) }
```

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

```
.background{ background-color: rgb(116,  
227, 196) }
```

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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