

Converting Colors

$Yxy(62.1629, 0.2591, 0.3579)$

Have a look what the booklet for
Yxy(62.1629, 0.2591, 0.3579)
contains.

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Color

Yxy(62.3972, 0.2590, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	73E2CC
RGB	115, 226, 204
RGB Percent	45%, 89%, 80%
CMY	0.5494, 0.1137, 0.2000
CMYK	0.49, 0.00, 0.10, 0.11
HSL	168°, 66%, 67%
HSV	168°, 49%, 89%
XYZ	45.1547, 62.3972, 66.7906
YIQ	190.3030, -59.0940, -30.3740

Conversions

Conversions Part 2

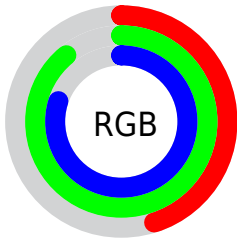
Format	Color
RYB	115, 177, 226
Decimal	7594700
CIELab	83.12, -37.12, 0.97
CIELCh	83, 37.128, 178.504
Yxy	62.3972, 0.2590, 0.3579
Android (android.graphics.Color)	4285784780 (0xFF73E2CC)
YUV	190.3030, 6.7526, -66.0407
Hunter-Lab	78.9919, -36.1986, 5.1624

Details

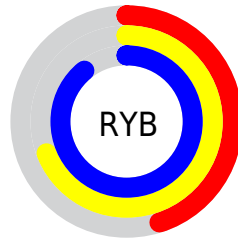
The Yxy color **62.3972, 0.2590, 0.3579** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.2119, 0.4223, 0.3038**, and the grayscale version is **51.6483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **31.7083, 0.2456, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **60.8406, 0.2520, 0.3649**, and if you desaturate by 10%, it is **64.3403, 0.2677, 0.3512**.

Distribution



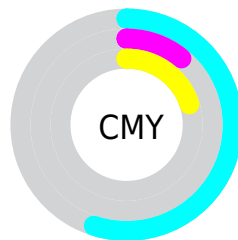
- Red (45%)
- Green (89%)
- Blue (80%)



- Red (45%)
- Yellow (69%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3972, 0.2590, 0.3579 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 62.3972, 0.2590, 0.3579 by changing the saturation by 10% instead.


 62.3972, 0.2590,
0.3579

 62.3972, 0.2590,
0.3579


433.3785, 0.2844,
0.3442


 45.3537, 0.2531,
0.3611


 108.2994, 0.2679,
0.3531

 31.7361, 0.2456,
0.3652


 137.9269, 0.2714,
0.3512

 21.1600, 0.2362,
0.3703


 172.5179, 0.2743,
0.3496

 13.2410, 0.2236,
0.3772

212.4567, 0.2769,
0.3482

 7.5947, 0.2062,
0.3868

258.1278, 0.2791,
0.3470

 3.8367, 0.1808,
0.4010

309.9155, 0.2811,

 1.5827, 0.1289,

0.3460

0.4297

368.2043, 0.2829,
0.3450

■ 0.3459, 0.0000,
0.5283

■ 0.0000, 0.0000,
0.0000

■ 62.3972, 0.2590,
0.3579

■ 62.3972, 0.2590,
0.3579

■ 60.8406, 0.2520,
0.3649

■ 64.3403, 0.2677,
0.3512

■ 59.6352, 0.2468,
0.3721


■ 66.6878, 0.2778,
0.3449

■ 58.7514, 0.2436,
0.3793

■ 69.4651, 0.2891,
0.3390


■ 58.1516, 0.2424,
0.3866

■ 72.6934, 0.3011,
0.3335


 57.7760, 0.2428,
0.3938


 76.3927, 0.3138,
0.3286

 57.7485, 0.2429,
0.3944

 80.5815, 0.3267,
0.3242

 81.6807, 0.3269,
0.3198

 81.9433, 0.3239,
0.3154

 82.2125, 0.3210,
0.3111

Harmonies

Analogous

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



62.3972, 0.3002, 0.3979



62.3972, 0.2590, 0.3579



62.3972, 0.2331, 0.3113

Triad

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



62.3972, 0.2590, 0.3579



62.3972, 0.2744, 0.2556



62.3972, 0.4060, 0.3739

Complementary

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



62.3972, 0.2590, 0.3579



30.2119, 0.4223, 0.3038

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.



62.3972, 0.3992, 0.3368



62.3972, 0.2590, 0.3579



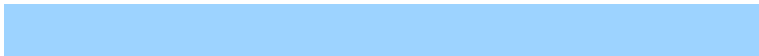
62.3972, 0.3200, 0.2717

Square

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



62.3972, 0.2590, 0.3579



62.3972, 0.2416, 0.2559



62.3972, 0.3667, 0.3005



62.3972, 0.3860, 0.4033

Rectangle

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



62.3972, 0.2590, 0.3579



62.3972, 0.2268, 0.2851



62.3972, 0.3667, 0.3005



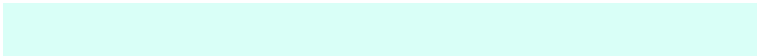
62.3972, 0.4068, 0.3619

Sweetspot

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



62.3997, 0.2590, 0.3579



92.9749, 0.2939, 0.3367



60.9660, 0.3189, 0.4785



19.7132, 0.2914, 0.3379



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.



62.3997, 0.2590, 0.3579



79.9429, 0.2518, 0.3651



47.1281, 0.2398, 0.2841



15.5234, 0.3008, 0.3337



32.9569, 0.2426, 0.3932



2.2964, 0.2395, 0.3821

Inverse Universe

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



30.2119, 0.4223, 0.3038



33.0029, 0.4599, 0.3001



38.6589, 0.4293, 0.3681



13.7447, 0.3261, 0.3244



9.3448, 0.6072, 0.3119



0.6604, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 62.3972, 0.2590, 0.3579 looks on a white background.

Color Contrast Check

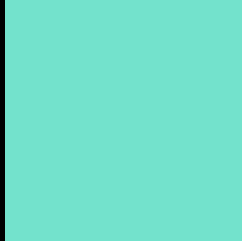
Large Text (above 18pt) WCAG AA × Fail

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 62.3972, 0.2590, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

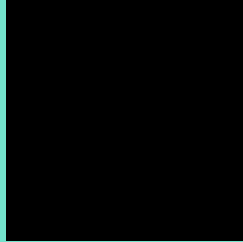
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3972, 0.2590, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 62.3972, 0.2590, 0.3579.

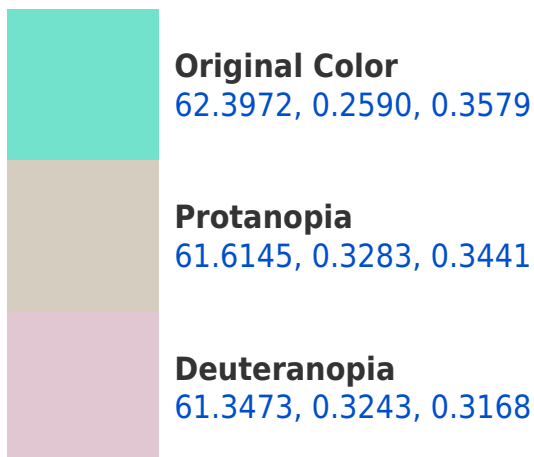


This preview shows how white text looks on a background with the Yxy color 62.3972, 0.2590, 0.3579.

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

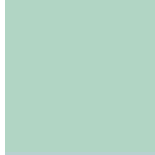
62.3805, 0.2459, 0.3066

Trichromacy



Original Color

62.3972, 0.2590, 0.3579



Protanomaly

60.9211, 0.2981, 0.3500



Deuteranomaly

60.3453, 0.2952, 0.3302



Tritanomaly

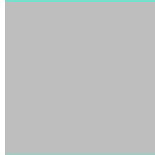
62.4039, 0.2507, 0.3250

Monochromacy



Original Color

62.3972, 0.2590, 0.3579



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.4385, 0.2886, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3972, 0.2590, 0.3579 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(115, 226, 204)` looks like.

```
.text, #text, p{  
    color:rgb(115, 226, 204)  
}
```

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(115, 226, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 226, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.3972, 0.2590, 0.3579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

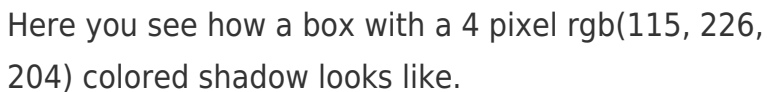
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 226, 204) }
```

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

```
.border{ border-color:rgb(115, 226, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 226, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 226, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 226, 204); box-shadow:4px 4px 4px 4px rgb(115, 226, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3972, 0.2590, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 226, 204) }
```

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

```
.background{ background-color: rgb(115,  
226, 204) }
```

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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