

Converting Colors

$Yxy(61.3456, 0.2697, 0.3695)$

Have a look what the booklet for
Yxy(61.3456, 0.2697, 0.3695)
contains.

Yxy(61.5972, 0.2696, 0.3700)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.5972, 0.2696, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	7EE0C1
RGB	126, 224, 193
RGB Percent	49%, 88%, 76%
CMY	0.5061, 0.1215, 0.2430
CMYK	0.44, 0.00, 0.14, 0.12
HSL	161°, 61%, 69%
HSV	161°, 44%, 88%
XYZ	44.8827, 61.5972, 59.9990
YIQ	191.1640, -48.4570, -30.4170

Conversions

Conversions Part 2

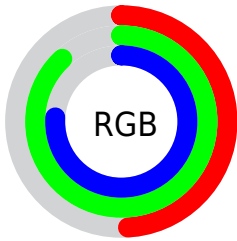
Format	Color
RYB	126, 184, 224
Decimal	8315073
CIELab	82.70, -36.07, 6.20
CIELCh	83, 36.596, 170.242
Yxy	61.5972, 0.2696, 0.3700
Android (android.graphics.Color)	4286505153 (0xFF7EE0C1)
YUV	191.1640, 0.9051, -57.1488
Hunter-Lab	78.4839, -35.2677, 9.6130

Details

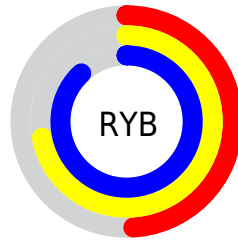
The Yxy color **61.5972, 0.2696, 0.3700** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.1879, 0.3905, 0.2927**, and the grayscale version is **52.2115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4268, 0.2745, 0.3353**, and **31.1639, 0.2582, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **59.7758, 0.2627, 0.3813**, and if you desaturate by 10%, it is **63.8199, 0.2780, 0.3593**.

Distribution



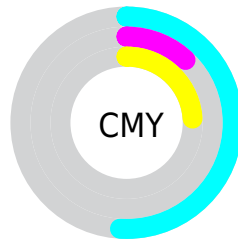
- Red (49%)
- Green (88%)
- Blue (76%)



- Red (49%)
- Yellow (72%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5972, 0.2696, 0.3700 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 61.5972, 0.2696, 0.3700 by changing the saturation by 10% instead.


 61.5972, 0.2696,
0.3700

 61.5972, 0.2696,
0.3700


430.4603, 0.2903,
0.3500


 44.7073, 0.2647,
0.3749


 107.1432, 0.2769,
0.3628

 31.2269, 0.2585,
0.3810


 136.5680, 0.2798,
0.3601

 20.7717, 0.2505,
0.3891


 170.9400, 0.2822,
0.3578

 12.9572, 0.2397,
0.4000

210.6435, 0.2842,
0.3558

 7.3991, 0.2245,
0.4158

256.0628, 0.2861,
0.3541

 3.7129, 0.2016,
0.4405

307.5825, 0.2876,

 1.5143, 0.1483,

0.3525

0.4927

365.5868, 0.2891,
0.3512

0.2988, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5972, 0.2696,
0.3700

61.5972, 0.2696,
0.3700

59.7758, 0.2627,
0.3813

63.8199, 0.2780,
0.3593

58.3221, 0.2574,
0.3931


66.4599, 0.2874,
0.3493


57.2097, 0.2541,
0.4052


69.5416, 0.2977,
0.3402

56.4047, 0.2528,
0.4174

73.0849, 0.3085,
0.3319


 55.8663, 0.2535,
0.4294


 77.1089, 0.3196,
0.3245

 55.6249, 0.2547,
0.4368

 80.6024, 0.3270,
0.3177

 81.0206, 0.3223,
0.3108

 81.4553, 0.3176,
0.3040

 81.7961, 0.3141,
0.2990

Harmonies

Analogous

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



61.5972, 0.3131, 0.4044



61.5972, 0.2696, 0.3700



61.5972, 0.2391, 0.3237

Triad

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



61.5972, 0.2696, 0.3700



61.5972, 0.2642, 0.2546



61.5972, 0.4060, 0.3637

Complementary

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



61.5972, 0.2696, 0.3700



33.1879, 0.3905, 0.2927

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.



61.5972, 0.3917, 0.3265



61.5972, 0.2696, 0.3700



61.5972, 0.3068, 0.2663

Square

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



61.5972, 0.2696, 0.3700



61.5972, 0.2364, 0.2599



61.5972, 0.3542, 0.2919



61.5972, 0.3930, 0.3960

Rectangle

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



61.5972, 0.2696, 0.3700



61.5972, 0.2291, 0.2955



61.5972, 0.3542, 0.2919



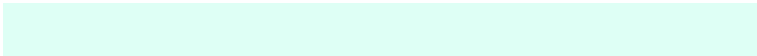
61.5972, 0.4043, 0.3514

Sweetspot

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



61.5997, 0.2696, 0.3700



93.5899, 0.2985, 0.3396



61.9890, 0.3267, 0.4569



19.8221, 0.2961, 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.



61.5997, 0.2696, 0.3700



80.2720, 0.2629, 0.3809



53.9711, 0.2497, 0.3054



15.4948, 0.3024, 0.3365



32.3965, 0.2542, 0.4350



2.2615, 0.2491, 0.4166

Inverse Universe

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



33.1879, 0.3905, 0.2927



37.2844, 0.4175, 0.2856



37.2771, 0.4183, 0.3506



13.7715, 0.3243, 0.3216



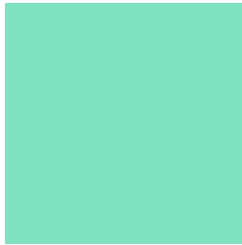
9.5056, 0.5697, 0.2912



0.6747, 0.5258, 0.2670

Previews

White Background



This preview shows how the Yxy color 61.5972, 0.2696, 0.3700 looks on a white background.

Color Contrast Check

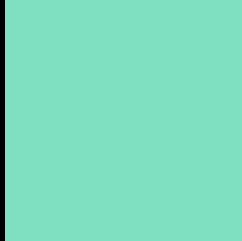
Large Text (above 18pt) WCAG AA × Fail

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 61.5972, 0.2696, 0.3700 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

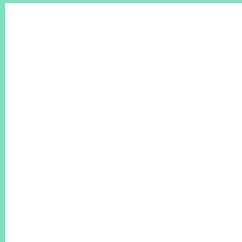
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5972, 0.2696, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 61.5972, 0.2696, 0.3700.

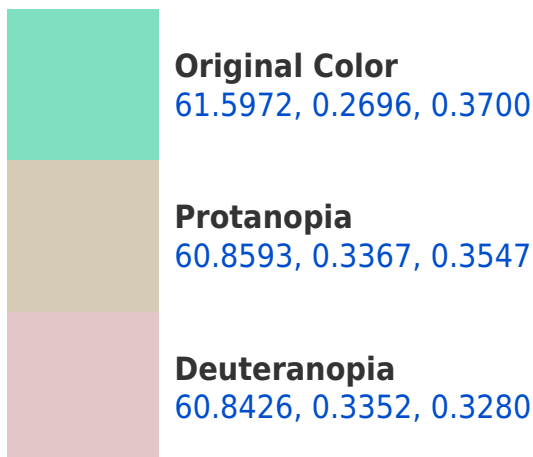


This preview shows how white text looks on a background with the Yxy color 61.5972, 0.2696, 0.3700.

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

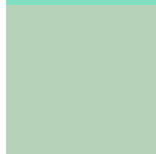
61.5173, 0.2519, 0.3066

Trichromacy



Original Color

61.5972, 0.2696, 0.3700



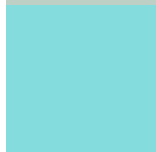
Protanomaly

60.0788, 0.3083, 0.3600



Deuteranomaly

59.6040, 0.3069, 0.3411



Tritanomaly

61.3403, 0.2583, 0.3288

Monochromacy



Original Color

61.5972, 0.2696, 0.3700



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.7331, 0.2934, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5972, 0.2696, 0.3700 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(126, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(126, 224, 193)  
}
```

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(126, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 224, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.5972, 0.2696, 0.3700 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(126, 224, 193) }
```

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

```
.border{ border-color:rgb(126, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 224, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 224, 193); box-shadow:4px 4px 4px 4px rgb(126, 224, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5972, 0.2696, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 224, 193) }
```

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

```
.background{ background-color: rgb(126,  
224, 193) }
```

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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