

Converting Colors

$Yxy(61.6939, 0.2700, 0.3365)$

Have a look what the booklet for
Yxy(61.6939, 0.2700, 0.3365)
contains.

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Color

Yxy(61.7630, 0.2699, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	94DBD5
RGB	148, 219, 213
RGB Percent	58%, 86%, 84%
CMY	0.4197, 0.1412, 0.1646
CMYK	0.32, 0.00, 0.03, 0.14
HSL	175°, 50%, 72%
HSV	175°, 32%, 86%
XYZ	49.5536, 61.7630, 72.2833
YIQ	197.0870, -40.3900, -16.9180

Conversions

Conversions Part 2

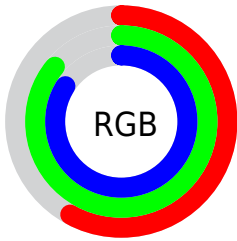
Format	Color
RYB	148, 185, 219
Decimal	9755605
CIELab	82.79, -23.38, -4.15
CIELCh	83, 23.749, 190.058
Yxy	61.7630, 0.2699, 0.3364
Android (android.graphics.Color)	4287945685 (0xFF94DBD5)
YUV	197.0870, 7.8451, -43.0493
Hunter-Lab	78.5894, -24.9805, 0.4802

Details

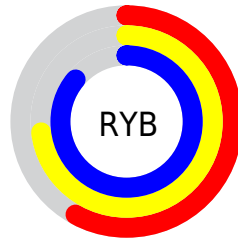
The Yxy color **61.7630, 0.2699, 0.3364** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5628, 0.3809, 0.3220**, and the grayscale version is **55.8588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **31.3992, 0.2599, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **59.8203, 0.2592, 0.3390**, and if you desaturate by 10%, it is **64.0981, 0.2820, 0.3339**.

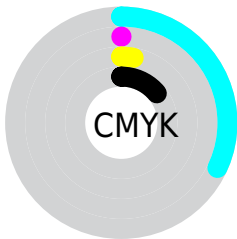
Distribution



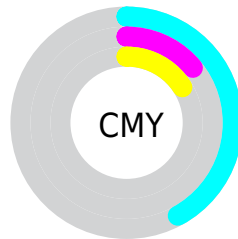
- Red (58%)
- Green (86%)
- Blue (84%)



- Red (58%)
- Yellow (73%)
- Blue (86%)



- Cyan (32%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)





- Cyan (42%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7630, 0.2699, 0.3364 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 61.7630, 0.2699, 0.3364 by changing the saturation by 10% instead.

 61.7630, 0.2699,
0.3364


 61.7630, 0.2699,
0.3364


431.0661, 0.2901,
0.3331

 44.8412, 0.2652,
0.3371


 107.3829, 0.2770,
0.3353

 31.3324, 0.2593,
0.3380


 136.8499, 0.2797,
0.3349

 20.8521, 0.2518,
0.3390


171.2673, 0.2821,
0.3345

 13.0159, 0.2419,
0.3403

211.0197, 0.2841,
0.3341

 7.4395, 0.2281,
0.3418

256.4913, 0.2859,
0.3338

 3.7385, 0.2079,
0.3438

308.0667, 0.2875,

 1.5284, 0.1753,

0.3336

366.1301, 0.2889,
0.3333

0.3458

0.3086, 0.0000,
0.3302

0.0000, 0.0000,
0.0000

61.7630, 0.2699,
0.3364

61.7630, 0.2699,
0.3364

59.8203, 0.2592,
0.3390

64.0981, 0.2820,
0.3339

58.2406, 0.2501,
0.3418

66.8382, 0.2952,
0.3316

57.0025, 0.2428,
0.3446

70.0045, 0.3092,
0.3295

56.0789, 0.2374,
0.3475

73.6148, 0.3237,
0.3276

■ 55.4390, 0.2340,
0.3504

■ 77.2132, 0.3367,
0.3258

■ 55.0455, 0.2324,
0.3532

■ 77.3126, 0.3354,
0.3240

■ 54.8646, 0.2320,
0.3553

■ 77.4131, 0.3341,
0.3221

■ 77.5146, 0.3328,
0.3203

■ 77.6173, 0.3315,
0.3185

Harmonies

Analogous

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



61.7630, 0.2941, 0.3637



61.7630, 0.2699, 0.3364



61.7630, 0.2571, 0.3084

Triad

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



61.7630, 0.2699, 0.3364



61.7630, 0.2991, 0.2831



61.7630, 0.3697, 0.3676

Complementary

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



61.7630, 0.2699, 0.3364



38.5628, 0.3809, 0.3220

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.



61.7630, 0.3717, 0.3450



61.7630, 0.2699, 0.3364



61.7630, 0.3298, 0.2977

Square

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



61.7630, 0.2699, 0.3364



61.7630, 0.2733, 0.2793



61.7630, 0.3568, 0.3198



61.7630, 0.3520, 0.3814

Rectangle

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



61.7630, 0.2699, 0.3364



61.7630, 0.2564, 0.2936



61.7630, 0.3568, 0.3198



61.7630, 0.3723, 0.3608

Sweetspot

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



61.7655, 0.2699, 0.3364



95.3431, 0.2984, 0.3311



59.7795, 0.3131, 0.4234



20.2780, 0.2965, 0.3314



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.



61.7655, 0.2699, 0.3364



85.2364, 0.2623, 0.3382



48.4919, 0.2621, 0.2919



14.8097, 0.2993, 0.3310



32.5379, 0.2319, 0.3549



2.1137, 0.2306, 0.3503

Inverse Universe

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



38.5628, 0.3809, 0.3220



47.5632, 0.4025, 0.3205



48.4001, 0.3764, 0.3632



13.0692, 0.3278, 0.3271



8.9632, 0.6302, 0.3245



0.5870, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 61.7630, 0.2699, 0.3364 looks on a white background.

Color Contrast Check

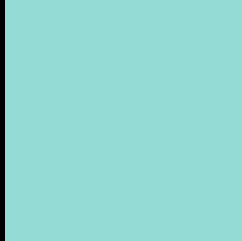
Large Text (above 18pt) WCAG AA × Fail

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 61.7630, 0.2699, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

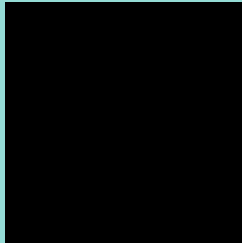
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

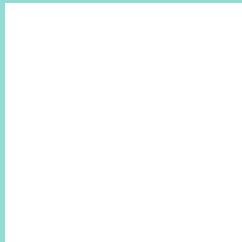
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7630, 0.2699, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 61.7630, 0.2699, 0.3364.

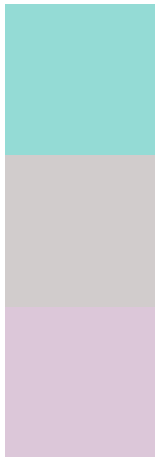


This preview shows how white text looks on a background with the Yxy color 61.7630, 0.2699, 0.3364.

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

61.7630, 0.2699, 0.3364

Protanopia

61.1007, 0.3166, 0.3290

Deuteranopia

61.0722, 0.3160, 0.3089



Tritanopia

61.7672, 0.2615, 0.3082

Trichromacy



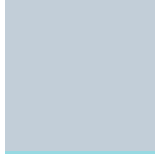
Original Color

61.7630, 0.2699, 0.3364



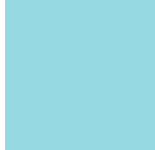
Protanomaly

60.6707, 0.2980, 0.3314



Deuteranomaly

60.5698, 0.2970, 0.3172



Tritanomaly

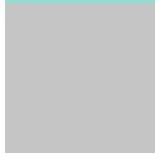
61.6960, 0.2642, 0.3178

Monochromacy



Original Color

61.7630, 0.2699, 0.3364



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.5581, 0.2948, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7630, 0.2699, 0.3364 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(148, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(148, 219, 213)  
}
```

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(148, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 219, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.7630, 0.2699, 0.3364 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(148, 219, 213) }
```

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

```
.border{ border-color:rgb(148, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(148, 219,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7630, 0.2699, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 219, 213) }
```

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

```
.background{ background-color: rgb(148,  
219, 213) }
```

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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