

Converting Colors

$Yxy(62.3014, 0.2710, 0.3577)$

Have a look what the booklet for
Yxy(62.3014, 0.2710, 0.3577)
contains.

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Color

Yxy(62.3108, 0.2710, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	89DFC9
RGB	137, 223, 201
RGB Percent	54%, 87%, 79%
CMY	0.4627, 0.1255, 0.2118
CMYK	0.39, 0.00, 0.10, 0.13
HSL	165°, 57%, 71%
HSV	165°, 39%, 87%
XYZ	47.2474, 62.3108, 64.7865
YIQ	194.7780, -44.1940, -25.0740

Conversions

Conversions Part 2

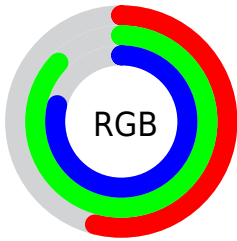
Format	Color
RYB	137, 186, 223
Decimal	9035721
CIELab	83.08, -30.98, 2.61
CIElCh	83, 31.091, 175.190
Yxy	62.3108, 0.2710, 0.3574
Android (android.graphics.Color)	4287225801 (0xFF89DFC9)
YUV	194.7780, 3.0674, -50.6713
Hunter-Lab	78.9372, -31.2999, 6.5947

Details

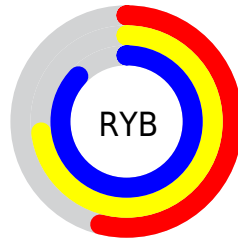
The Yxy color **62.3108, 0.2710, 0.3574** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.0895, 0.3832, 0.3030**, and the grayscale version is **54.4384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **31.5379, 0.2606, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **60.3554, 0.2627, 0.3662**, and if you desaturate by 10%, it is **64.6707, 0.2806, 0.3491**.

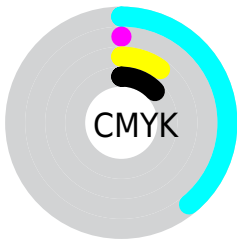
Distribution



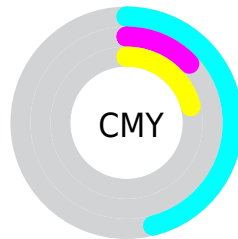
- Red (54%)
- Green (87%)
- Blue (79%)



- Red (54%)
- Yellow (73%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)





- Cyan (46%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3108, 0.2710, 0.3574 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 62.3108, 0.2710, 0.3574 by changing the saturation by 10% instead.


 62.3108, 0.2710,
0.3574

 62.3108, 0.2710,
0.3574


433.0639, 0.2909,
0.3438

 45.2839, 0.2663,
0.3607


 108.1746, 0.2780,
0.3526

 31.6811, 0.2605,
0.3647


 137.7803, 0.2807,
0.3507

 21.1180, 0.2529,
0.3700

 172.3476, 0.2830,
0.3491

 13.2103, 0.2429,
0.3772

212.2611, 0.2850,
0.3478

 7.5735, 0.2289,
0.3873

257.9051, 0.2867,
0.3466

 3.8233, 0.2080,
0.4026

309.6639, 0.2883,

 1.5752, 0.1695,

0.3455

0.4308

367.9221, 0.2896,
0.3446

0.3408, 0.0000,
0.6435

0.0000, 0.0000,
0.0000

62.3108, 0.2710,
0.3574

62.3108, 0.2710,
0.3574

60.3554, 0.2627,
0.3662

64.6707, 0.2806,
0.3491

58.7726, 0.2561,
0.3754


67.4497, 0.2912,
0.3415


57.5381, 0.2512,
0.3849


70.6710, 0.3026,
0.3345


56.6212, 0.2484,
0.3945


74.3536, 0.3144,
0.3281

 55.9856, 0.2475,
0.4042


 78.5157, 0.3265,
0.3224

 55.5777, 0.2484,
0.4137

 80.0493, 0.3273,
0.3169

 55.5266, 0.2486,
0.4150

 80.3852, 0.3234,
0.3113

 80.7317, 0.3196,
0.3058

 81.0890, 0.3159,
0.3004

Harmonies

Analogous

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



62.3108, 0.3070, 0.3886



62.3108, 0.2710, 0.3574



62.3108, 0.2470, 0.3188

Triad

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



62.3108, 0.2710, 0.3574



62.3108, 0.2769, 0.2658



62.3108, 0.3914, 0.3644

Complementary

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



62.3108, 0.2710, 0.3574



36.0895, 0.3832, 0.3030

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.



62.3108, 0.3829, 0.3327



62.3108, 0.2710, 0.3574



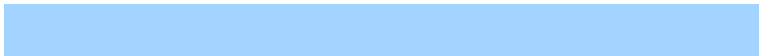
62.3108, 0.3146, 0.2781

Square

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



62.3108, 0.2710, 0.3574



62.3108, 0.2503, 0.2682



62.3108, 0.3541, 0.3019



62.3108, 0.3773, 0.3898

Rectangle

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



62.3108, 0.2710, 0.3574



62.3108, 0.2402, 0.2959



62.3108, 0.3541, 0.3019



62.3108, 0.3911, 0.3542

Sweetspot

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



62.3133, 0.2710, 0.3574



94.1569, 0.2985, 0.3369



62.0518, 0.3226, 0.4410



20.0291, 0.2970, 0.3378



0.0000, 0.0000, 0.0000



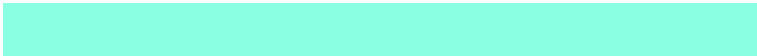
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3133, 0.2710, 0.3574



82.3321, 0.2644, 0.3642



53.3313, 0.2555, 0.3029



15.5093, 0.3016, 0.3351



32.6670, 0.2482, 0.4136



2.2785, 0.2441, 0.3989

Inverse Universe

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



36.0895, 0.3832, 0.3030



42.1682, 0.4051, 0.2979



41.6367, 0.3988, 0.3532



13.7578, 0.3252, 0.3230



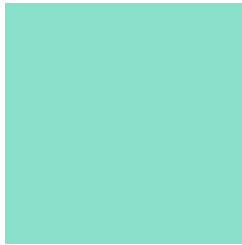
9.4141, 0.5903, 0.3025



0.6669, 0.5462, 0.2783

Previews

White Background



This preview shows how the Yxy color 62.3108, 0.2710, 0.3574 looks on a white background.

Color Contrast Check

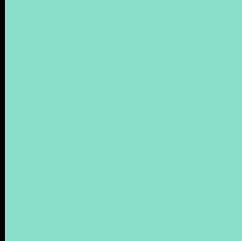
Large Text (above 18pt) WCAG AA × Fail

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 62.3108, 0.2710, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

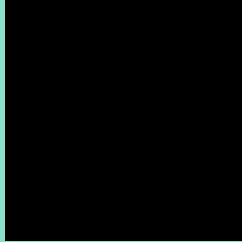
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

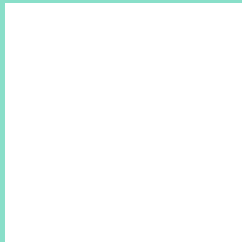
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3108, 0.2710, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 62.3108, 0.2710, 0.3574.

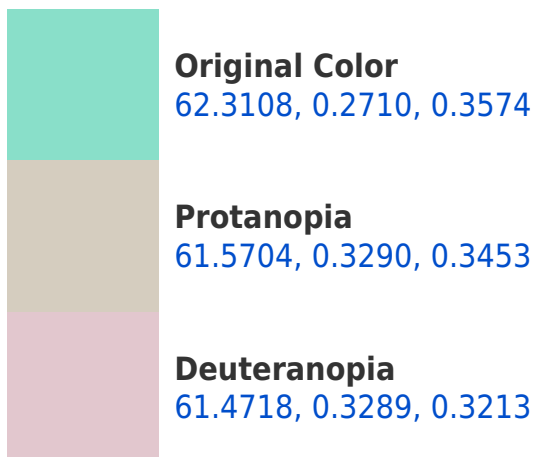


This preview shows how white text looks on a background with the Yxy color 62.3108, 0.2710, 0.3574.

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

62.3099, 0.2565, 0.3069

Trichromacy



Original Color

62.3108, 0.2710, 0.3574



Protanomaly

61.3414, 0.3045, 0.3497



Deuteranomaly

60.9407, 0.3051, 0.3337



Tritanomaly

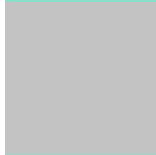
62.3538, 0.2619, 0.3251

Monochromacy



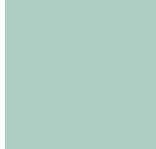
Original Color

62.3108, 0.2710, 0.3574



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.6925, 0.2952, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3108, 0.2710, 0.3574 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(137, 223, 201)` looks like.

```
.text, #text, p{  
    color:rgb(137, 223, 201)  
}
```

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(137, 223, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 223, 201) }
```

Border

The CSS property to change the border of an element to Yxy 62.3108, 0.2710, 0.3574 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(137, 223, 201) }
```

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

```
.border{ border-color:rgb(137, 223, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 223, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 223, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 223, 201);  
box-shadow:4px 4px 4px 4px rgb(137, 223,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3108, 0.2710, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 223, 201) }
```

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

```
.background{ background-color: rgb(137,  
223, 201) }
```

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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