

Converting Colors

$Yxy(72.9350, 0.2910, 0.3475)$

Have a look what the booklet for
Yxy(72.9350, 0.2910, 0.3475)
contains.

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Color

Yxy(72.8614, 0.2910, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	B8E8D8
RGB	184, 232, 216
RGB Percent	72%, 91%, 85%
CMY	0.2784, 0.0902, 0.1530
CMYK	0.21, 0.00, 0.07, 0.09
HSL	160°, 51%, 82%
HSV	160°, 21%, 91%
XYZ	61.0149, 72.8614, 75.7968
YIQ	215.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

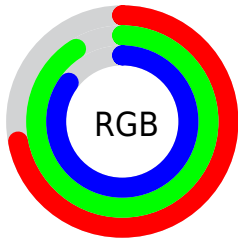
Format	Color
RYB	184, 213, 232
Decimal	12118232
CIELab	88.38, -18.60, 2.72
CIElCh	88, 18.795, 171.694
Yxy	72.8614, 0.2910, 0.3475
Android (android.graphics.Color)	4290308312 (0xFFB8E8D8)
YUV	215.8240, 0.0868, -27.9096
Hunter-Lab	85.3589, -21.7856, 7.1030

Details

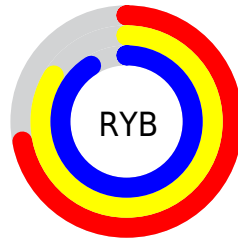
The Yxy color **72.8614, 0.2910, 0.3475** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.6081, 0.3406, 0.3113**, and the grayscale version is **68.5548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **38.3697, 0.2859, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **69.8391, 0.2814, 0.3578**, and if you desaturate by 10%, it is **76.3785, 0.3013, 0.3381**.

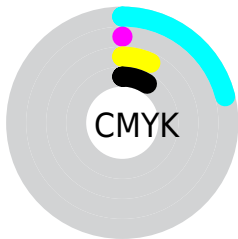
Distribution



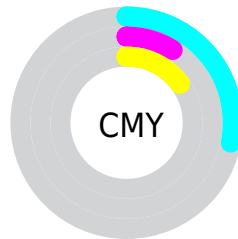
- Red (72%)
- Green (91%)
- Blue (85%)



- Red (72%)
- Yellow (84%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8614, 0.2910, 0.3475 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 72.8614, 0.2910, 0.3475 by changing the saturation by 10% instead.


 72.8614, 0.2910,
0.3475

 72.8614, 0.2910,
0.3475

470.5343, 0.3011,
0.3389

 53.8626, 0.2887,
0.3495


 123.2804, 0.2945,
0.3445

 38.4919, 0.2858,
0.3520


155.4695, 0.2959,
0.3433

 26.3647, 0.2822,
0.3552

192.8241, 0.2970,
0.3423

 17.0966, 0.2774,
0.3594

235.7287, 0.2981,
0.3414

 10.3034, 0.2708,
0.3651

284.5676, 0.2990,
0.3407

 5.6006, 0.2613,
0.3736


339.7252, 0.2998,

 2.6038, 0.2462,

0.3400

401.5860, 0.3005,
0.3394


0.3874

 0.9286, 0.1966,
0.4265


 0.0000, 0.0000,
0.0000


 72.8614, 0.2910,
0.3475


 72.8614, 0.2910,
0.3475


 69.8391, 0.2814,
0.3578


 76.3785, 0.3013,
0.3381


 67.2794, 0.2729,
0.3690


 80.4029, 0.3120,
0.3296


 65.1602, 0.2656,
0.3809


 84.9579, 0.3228,
0.3219


 63.4542, 0.2600,
0.3933


 85.6910, 0.3188,
0.3145


 62.1305, 0.2563,
0.4061

 86.1792, 0.3139,
0.3071

 61.1543, 0.2545,
0.4191

 86.1978, 0.3138,
0.3068

 60.4835, 0.2548,
0.4320

 60.0690, 0.2566,
0.4437

Harmonies

Analogous

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



72.8614, 0.3126, 0.3635



72.8614, 0.2910, 0.3475



72.8614, 0.2755, 0.3264

Triad

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



72.8614, 0.2910, 0.3475



72.8614, 0.2899, 0.2913



72.8614, 0.3577, 0.3486

Complementary

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



72.8614, 0.2910, 0.3475



55.6081, 0.3406, 0.3113

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.



72.8614, 0.3513, 0.3297



72.8614, 0.2910, 0.3475



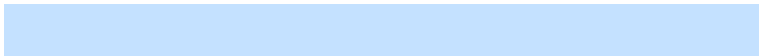
72.8614, 0.3115, 0.2975

Square

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



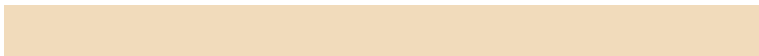
72.8614, 0.2910, 0.3475



72.8614, 0.2749, 0.2945



72.8614, 0.3341, 0.3113



72.8614, 0.3516, 0.3633

Rectangle

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



72.8614, 0.2910, 0.3475



72.8614, 0.2704, 0.3129



72.8614, 0.3341, 0.3113



72.8614, 0.3570, 0.3425

Sweetspot

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



72.8644, 0.2910, 0.3475



96.8881, 0.3062, 0.3340



73.5683, 0.3215, 0.3843



20.6686, 0.3055, 0.3346



0.0000, 0.0000, 0.0000



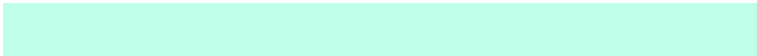
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8644, 0.2910, 0.3475



88.5529, 0.2867, 0.3520



69.7624, 0.2813, 0.3207



16.2503, 0.3026, 0.3370



33.3696, 0.2560, 0.4417



2.4830, 0.2509, 0.4231

Inverse Universe

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



55.6081, 0.3406, 0.3113



63.4113, 0.3483, 0.3073



57.9658, 0.3525, 0.3372



14.4470, 0.3240, 0.3212



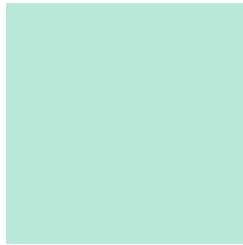
9.8463, 0.5632, 0.2876



0.7444, 0.5221, 0.2650

Previews

White Background



This preview shows how the Yxy color 72.8614, 0.2910, 0.3475 looks on a white background.

Color Contrast Check

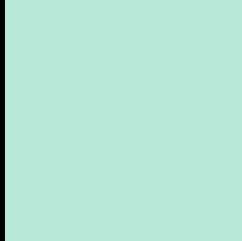
Large Text (above 18pt) WCAG AA × Fail

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 72.8614, 0.2910, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

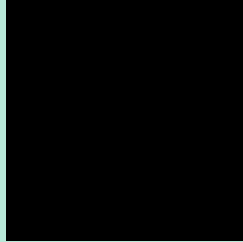
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

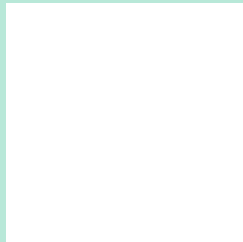
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8614, 0.2910, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 72.8614, 0.2910, 0.3475.

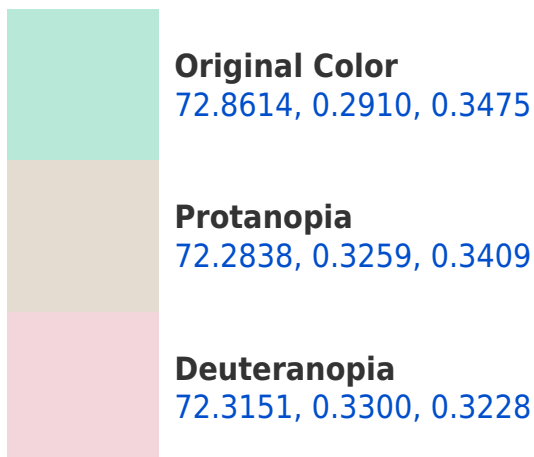


This preview shows how white text looks on a background with the Yxy color 72.8614, 0.2910, 0.3475.

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

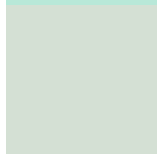
73.0878, 0.2774, 0.3090

Trichromacy



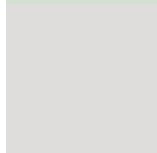
Original Color

72.8614, 0.2910, 0.3475



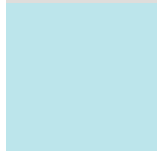
Protanomaly

72.0618, 0.3121, 0.3424



Deuteranomaly

72.3570, 0.3147, 0.3312



Tritanomaly

72.7281, 0.2824, 0.3222

Monochromacy



Original Color

72.8614, 0.2910, 0.3475



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.0378, 0.3040, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8614, 0.2910, 0.3475 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(184, 232, 216)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 216)  
}
```

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(184, 232, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 216) }
```

Border

The CSS property to change the border of an element to Yxy 72.8614, 0.2910, 0.3475 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(184, 232, 216) }
```

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

```
.border{ border-color:rgb(184, 232, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 232, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 216);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8614, 0.2910, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 232, 216) }
```

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

```
.background{ background-color: rgb(184,  
232, 216) }
```

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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