

Converting Colors

$Yxy(72.9961, 0.3137, 0.3977)$

Have a look what the booklet for
Yxy(72.9961, 0.3137, 0.3977)
contains.

Yxy(72.8214, 0.3135, 0.3969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.8214, 0.3135, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	B8EBB2
RGB	184, 235, 178
RGB Percent	72%, 92%, 70%
CMY	0.2782, 0.0785, 0.3020
CMYK	0.22, 0.00, 0.24, 0.08
HSL	114°, 59%, 81%
HSV	114°, 24%, 92%
XYZ	57.5195, 72.8214, 53.1345
YIQ	213.2530, -12.0990, -28.5390

Conversions

Conversions Part 2

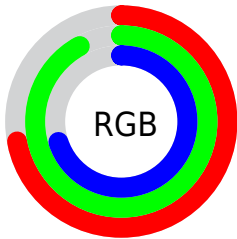
Format	Color
RYB	178, 235, 229
Decimal	12118962
CIELab	88.36, -26.91, 22.48
CIELCh	88, 35.065, 140.135
Yxy	72.8214, 0.3135, 0.3969
Android (android.graphics.Color)	4290309042 (0xFFB8EBB2)
YUV	213.2530, -17.3797, -25.6549
Hunter-Lab	85.3355, -29.0208, 22.8176

Details

The Yxy color **72.8214, 0.3135, 0.3969** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.4780, 0.3106, 0.2678**, and the grayscale version is **66.8498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1613, 0.3161, 0.3498**, and **38.4667, 0.3128, 0.4146** is the 20% darker color. If you saturate the color by 10%, you get **69.5556, 0.3133, 0.4299**, and if you desaturate by 10%, it is **76.6401, 0.3133, 0.3666**.

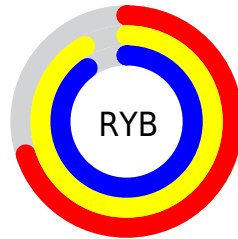
Distribution



Red (72%)

Green (92%)

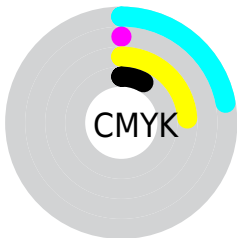
Blue (70%)



Red (70%)

Yellow (92%)

Blue (90%)

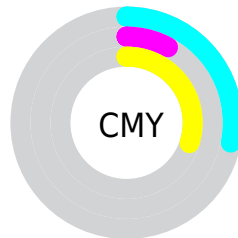


Cyan (22%)

Magenta (0%)

Yellow (24%)

Black (8%)



Cyan (28%)


Magenta (8%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8214, 0.3135, 0.3969 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 72.8214, 0.3135, 0.3969 by changing the saturation by 10% instead.

 72.8214, 0.3135,
0.3969

 72.8214, 0.3135,
0.3969

470.3956, 0.3138,
0.3642

 53.8299, 0.3132,
0.4047


 123.2236, 0.3138,
0.3853

 38.4657, 0.3128,
0.4145


155.4032, 0.3138,
0.3809

 26.3443, 0.3120,
0.4271


192.7476, 0.3139,
0.3771

 17.0814, 0.3108,
0.4440

235.6412, 0.3139,
0.3738

 10.2926, 0.3084,
0.4678

284.4684, 0.3139,
0.3709

 5.5934, 0.3036,
0.5034


339.6136, 0.3139,

 2.5994, 0.2946,


0.3684


0.5657


401.4612, 0.3139,
0.3662


 0.9264, 0.1939,
0.8061


 0.0000, 0.0000,
0.0000


 72.8214, 0.3135,
0.3969


 72.8214, 0.3135,
0.3969


 69.5556, 0.3133,
0.4299

 76.6401, 0.3133,
0.3666


 66.8081, 0.3128,
0.4647

 81.0257, 0.3129,
0.3396

 64.5550, 0.3117,
0.4996

 86.0036, 0.3124,
0.3157

 62.7666, 0.3102,
0.5323

 87.8936, 0.3136,
0.3097

■ 61.4103, 0.3081,
0.5604

■ 60.4488, 0.3057,
0.5814

■ 59.8387, 0.3033,
0.5941

■ 59.6206, 0.3021,
0.5983

Harmonies

Analogous

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



72.8214, 0.3547, 0.4049



72.8214, 0.3135, 0.3969



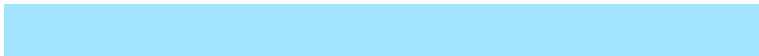
72.8214, 0.2738, 0.3661

Triad

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



72.8214, 0.3135, 0.3969



72.8214, 0.2430, 0.2662



72.8214, 0.3841, 0.3269

Complementary

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



72.8214, 0.3135, 0.3969



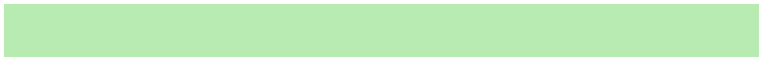
54.4780, 0.3106, 0.2678

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.



72.8214, 0.3502, 0.2951



72.8214, 0.3135, 0.3969



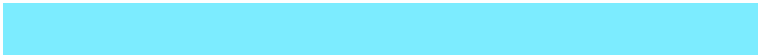
72.8214, 0.2686, 0.2610

Square

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



72.8214, 0.3135, 0.3969



72.8214, 0.2349, 0.2883



72.8214, 0.3073, 0.2716



72.8214, 0.3972, 0.3610

Rectangle

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



72.8214, 0.3135, 0.3969



72.8214, 0.2533, 0.3387



72.8214, 0.3073, 0.2716



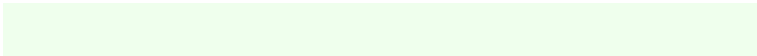
72.8214, 0.3746, 0.3157

Sweetspot

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



72.8245, 0.3135, 0.3969



96.0027, 0.3131, 0.3467



76.5510, 0.3509, 0.3830



20.4783, 0.3131, 0.3483



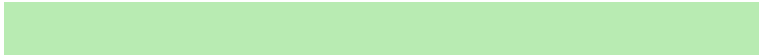
0.0000, 0.0000, 0.0000



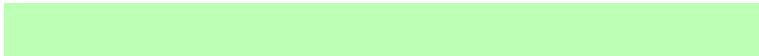
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8245, 0.3135, 0.3969



85.6674, 0.3135, 0.4127



73.0394, 0.2967, 0.3706



16.9389, 0.3132, 0.3532



33.2094, 0.3026, 0.5979



2.6334, 0.3085, 0.5932

Inverse Universe

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



54.4780, 0.3106, 0.2678



60.0851, 0.3100, 0.2552



54.3071, 0.3331, 0.2908



15.2276, 0.3121, 0.3057



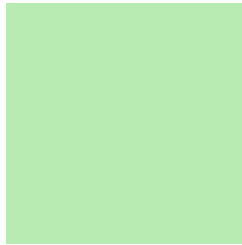
10.9957, 0.2943, 0.1395



0.8868, 0.2982, 0.1416

Previews

White Background



This preview shows how the Yxy color 72.8214, 0.3135, 0.3969 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 72.8214, 0.3135, 0.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

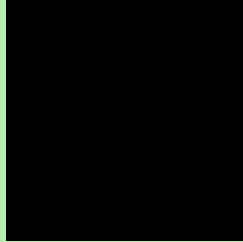
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8214, 0.3135, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 72.8214, 0.3135, 0.3969.

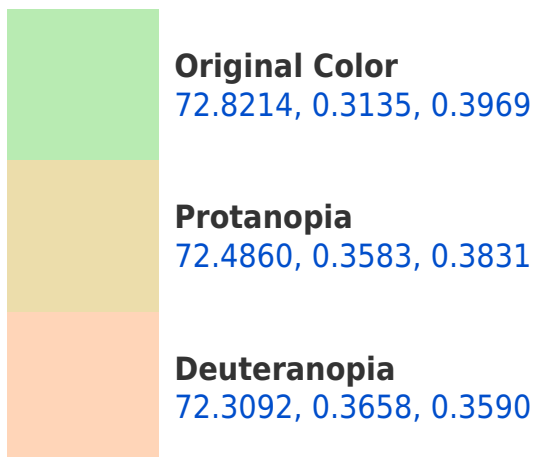


This preview shows how white text looks on a background with the Yxy color 72.8214, 0.3135, 0.3969.

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

72.5265, 0.2814, 0.3091

Trichromacy



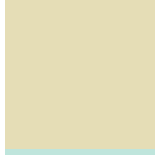
Original Color

72.8214, 0.3135, 0.3969



Protanomaly

72.2004, 0.3406, 0.3876



Deuteranomaly

71.7483, 0.3452, 0.3718



Tritanomaly

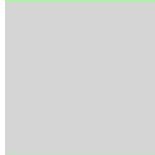
72.2823, 0.2930, 0.3392

Monochromacy



Original Color

72.8214, 0.3135, 0.3969



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.4396, 0.3130, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8214, 0.3135, 0.3969 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, 235, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 235, 178)  
}
```

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, 235, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 235, 178) }
```

Border

The CSS property to change the border of an element to Yxy 72.8214, 0.3135, 0.3969 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, 235, 178) }
```

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

```
.border{ border-color:rgb(184, 235, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 235, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 235, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 235, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 235,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8214, 0.3135, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 235, 178) }
```

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

```
.background{ background-color: rgb(184,  
235, 178) }
```

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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