

Converting Colors

$Yxy(71.7490, 0.2961, 0.3618)$

Have a look what the booklet for
Yxy(71.7490, 0.2961, 0.3618)
contains.

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Color

Yxy(71.8966, 0.2961, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	B5E8CC
RGB	181, 232, 204
RGB Percent	71%, 91%, 80%
CMY	0.2903, 0.0902, 0.2000
CMYK	0.22, 0.00, 0.12, 0.09
HSL	147°, 53%, 81%
HSV	147°, 22%, 91%
XYZ	58.8082, 71.8966, 67.9046
YIQ	213.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

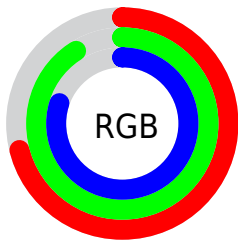
Format	Color
RYB	181, 216, 232
Decimal	11921612
CIELab	87.92, -21.87, 8.30
CIELCh	88, 23.388, 159.223
Yxy	71.8966, 0.2961, 0.3620
Android (android.graphics.Color)	4290111692 (0xFFB5E8CC)
YUV	213.5590, -4.7126, -28.5542
Hunter-Lab	84.7919, -24.5853, 11.8726

Details

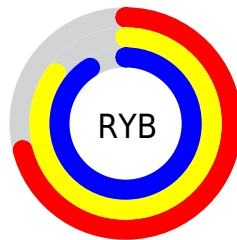
The Yxy color **71.8966, 0.2961, 0.3620** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.8006, 0.3336, 0.2982**, and the grayscale version is **66.9757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **37.7647, 0.2916, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **68.7386, 0.2892, 0.3797**, and if you desaturate by 10%, it is **75.5776, 0.3035, 0.3460**.

Distribution



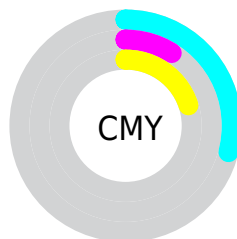
- Red (71%)
- Green (91%)
- Blue (80%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8966, 0.2961, 0.3620 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 71.8966, 0.2961, 0.3620 by changing the saturation by 10% instead.


 71.8966, 0.2961,
0.3620

 71.8966, 0.2961,
0.3620

467.1816, 0.3040,
0.3463

 53.0742, 0.2942,
0.3657

 121.9095, 0.2989,
0.3565

 37.8620, 0.2919,
0.3703


153.8688, 0.2999,
0.3543

 25.8756, 0.2889,
0.3763


190.9759, 0.3009,
0.3525

 16.7306, 0.2850,
0.3842

233.6152, 0.3017,
0.3509

 10.0426, 0.2794,
0.3954

282.1709, 0.3024,
0.3496

 5.4272, 0.2711,
0.4121

337.0277, 0.3030,

 2.5000, 0.2572,

0.3484

0.4400

398.5698, 0.3035,
0.3473

0.8767, 0.1931,
0.5654

0.0000, 0.0000,
0.0000

71.8966, 0.2961,
0.3620

71.8966, 0.2961,
0.3620

68.7386, 0.2892,
0.3797

75.5776, 0.3035,
0.3460

66.0703, 0.2830,
0.3989

79.7951, 0.3112,
0.3317

63.8683, 0.2780,
0.4194

84.5736, 0.3189,
0.3190

62.1038, 0.2744,
0.4408

86.1944, 0.3138,
0.3069

■ 60.7446, 0.2726,
0.4626

■ 86.1983, 0.3138,
0.3068

■ 59.7538, 0.2727,
0.4840

■ 59.0872, 0.2748,
0.5042

■ 58.7314, 0.2776,
0.5194

Harmonies

Analogous

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



71.8966, 0.3243, 0.3773



71.8966, 0.2961, 0.3620



71.8966, 0.2731, 0.3367

Triad

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



71.8966, 0.2961, 0.3620



71.8966, 0.2752, 0.2824



71.8966, 0.3677, 0.3435

Complementary

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



71.8966, 0.2961, 0.3620



54.8006, 0.3336, 0.2982

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.



71.8966, 0.3534, 0.3198



71.8966, 0.2961, 0.3620



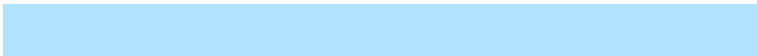
71.8966, 0.2992, 0.2856

Square

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



71.8966, 0.2961, 0.3620



71.8966, 0.2615, 0.2910



71.8966, 0.3279, 0.2991



71.8966, 0.3664, 0.3648

Rectangle

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



71.8966, 0.2961, 0.3620



71.8966, 0.2634, 0.3188



71.8966, 0.3279, 0.2991



71.8966, 0.3646, 0.3356

Sweetspot

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



71.8996, 0.2961, 0.3620



96.1553, 0.3073, 0.3387



74.6159, 0.3292, 0.3868



20.5136, 0.3068, 0.3396



0.0000, 0.0000, 0.0000



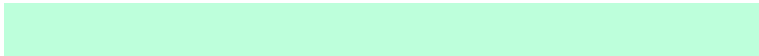
21.4041, 0.3127, 0.3290

Same Dimension

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



71.8996, 0.2961, 0.3620



87.3944, 0.2932, 0.3691



73.2226, 0.2815, 0.3318



16.1967, 0.3055, 0.3422



32.6271, 0.2768, 0.5164



2.4295, 0.2689, 0.4881

Inverse Universe

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



54.8006, 0.3336, 0.2982



62.9674, 0.3386, 0.2921



53.6388, 0.3552, 0.3263



14.4997, 0.3207, 0.3162



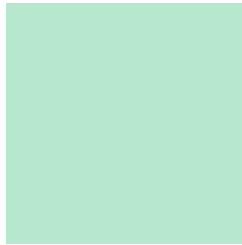
10.4056, 0.4748, 0.2389



0.7876, 0.4462, 0.2231

Previews

White Background



This preview shows how the Yxy color 71.8966, 0.2961, 0.3620 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 71.8966, 0.2961, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

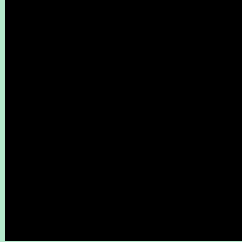
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

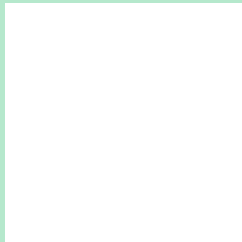
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8966, 0.2961, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 71.8966, 0.2961, 0.3620.

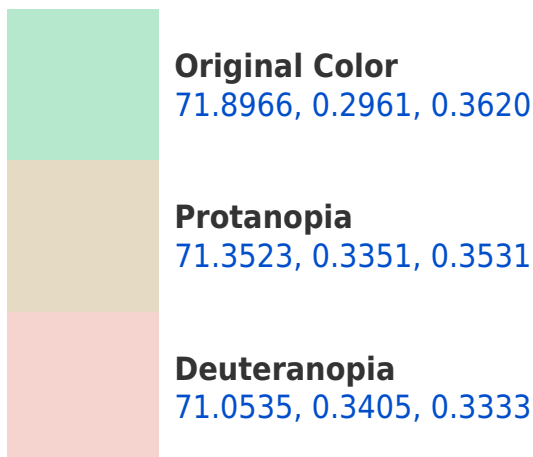


This preview shows how white text looks on a background with the Yxy color 71.8966, 0.2961, 0.3620.

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

71.7432, 0.2777, 0.3089

Trichromacy



Original Color

71.8966, 0.2961, 0.3620

Protanomaly

71.4785, 0.3199, 0.3560

Deuteranomaly

70.6976, 0.3230, 0.3422

Tritanomaly

71.5831, 0.2845, 0.3278

Monochromacy



Original Color

71.8966, 0.2961, 0.3620

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.9226, 0.3065, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8966, 0.2961, 0.3620 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(181, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(181, 232, 204)  
}
```

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(181, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 232, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.8966, 0.2961, 0.3620 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(181, 232, 204) }
```

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

```
.border{ border-color:rgb(181, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(181, 232,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8966, 0.2961, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 232, 204) }
```

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

```
.background{ background-color: rgb(181,  
232, 204) }
```

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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