

Converting Colors

$Yxy(72.4017, 0.2921, 0.3495)$

Have a look what the booklet for
Yxy(72.4017, 0.2921, 0.3495)
contains.

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Color

Yxy(72.1972, 0.2921, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	B8E7D6
RGB	184, 231, 214
RGB Percent	72%, 91%, 84%
CMY	0.2785, 0.0941, 0.1607
CMYK	0.20, 0.00, 0.07, 0.09
HSL	158°, 49%, 81%
HSV	158°, 20%, 91%
XYZ	60.4784, 72.1972, 74.3712
YIQ	215.0090, -22.5550, -15.2510

Conversions

Conversions Part 2

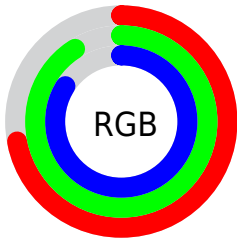
Format	Color
RYB	184, 213, 231
Decimal	12117974
CIELab	88.06, -18.49, 3.29
CIELCh	88, 18.784, 169.928
Yxy	72.1972, 0.2921, 0.3487
Android (android.graphics.Color)	4290308054 (0xFFB8E7D6)
YUV	215.0090, -0.4974, -27.1949
Hunter-Lab	84.9689, -21.6447, 7.5832

Details

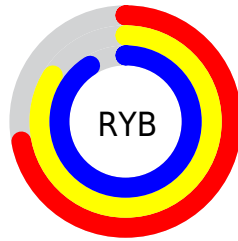
The Yxy color **72.1972, 0.2921, 0.3487** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.4811, 0.3390, 0.3102**, and the grayscale version is **67.9764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **37.9090, 0.2873, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **69.1609, 0.2828, 0.3599**, and if you desaturate by 10%, it is **75.7272, 0.3020, 0.3385**.

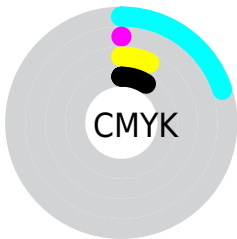
Distribution



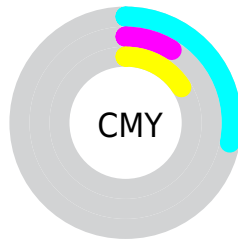
- Red (72%)
- Green (91%)
- Blue (84%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1972, 0.2921, 0.3487 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 72.1972, 0.2921, 0.3487 by changing the saturation by 10% instead.


 72.1972, 0.2921,
0.3487

 72.1972, 0.2921,
0.3487

468.2277, 0.3017,
0.3395

 53.3198, 0.2899,
0.3508


 122.3369, 0.2954,
0.3455

 38.0581, 0.2871,
0.3535


154.3679, 0.2967,
0.3442

 26.0278, 0.2836,
0.3569


191.5522, 0.2979,
0.3431

 16.8444, 0.2790,
0.3615

234.2743, 0.2988,
0.3422

 10.1236, 0.2727,
0.3677

282.9185, 0.2997,
0.3414

 5.4810, 0.2635,
0.3770


337.8692, 0.3004,

 2.5322, 0.2488,


0.3407


0.3920


399.5108, 0.3011,
0.3400


 0.8927, 0.1954,
0.4393


 0.0000, 0.0000,
0.0000

 72.1972, 0.2921,
0.3487


 72.1972, 0.2921,
0.3487


 69.1609, 0.2828,
0.3599


 75.7272, 0.3020,
0.3385


 66.5864, 0.2745,
0.3720

 79.7633, 0.3123,
0.3293

 64.4518, 0.2675,
0.3849

 84.3285, 0.3228,
0.3211

 62.7301, 0.2620,
0.3985

 85.1571, 0.3186,
0.3130

■ 61.3909, 0.2584,
0.4125

■ 85.6362, 0.3138,
0.3058

■ 60.3996, 0.2569,
0.4266

■ 59.7152, 0.2573,
0.4406

■ 59.2785, 0.2594,
0.4538

Harmonies

Analogous

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



72.1972, 0.3140, 0.3643



72.1972, 0.2921, 0.3487



72.1972, 0.2761, 0.3276

Triad

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



72.1972, 0.2921, 0.3487



72.1972, 0.2887, 0.2911



72.1972, 0.3578, 0.3476

Complementary

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



72.1972, 0.2921, 0.3487



55.4811, 0.3390, 0.3102

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.



72.1972, 0.3506, 0.3286



72.1972, 0.2921, 0.3487



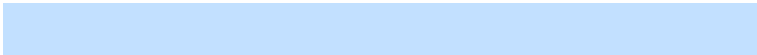
72.1972, 0.3101, 0.2968

Square

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



72.1972, 0.2921, 0.3487



72.1972, 0.2742, 0.2949



72.1972, 0.3329, 0.3103



72.1972, 0.3524, 0.3627

Rectangle

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



72.1972, 0.2921, 0.3487



72.1972, 0.2706, 0.3140



72.1972, 0.3329, 0.3103



72.1972, 0.3568, 0.3414

Sweetspot

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



72.2002, 0.2921, 0.3487



96.8617, 0.3065, 0.3344



73.0652, 0.3219, 0.3832



20.6623, 0.3058, 0.3350



0.0000, 0.0000, 0.0000



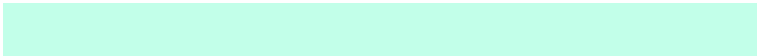
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2002, 0.2921, 0.3487



88.8390, 0.2885, 0.3528



69.6674, 0.2819, 0.3217



16.2433, 0.3029, 0.3376



33.2544, 0.2588, 0.4516



2.4750, 0.2532, 0.4315

Inverse Universe

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



55.4811, 0.3390, 0.3102



64.7085, 0.3451, 0.3065



57.3875, 0.3519, 0.3362



14.4537, 0.3236, 0.3205



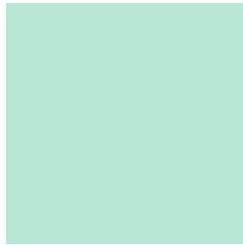
9.9004, 0.5526, 0.2818



0.7489, 0.5124, 0.2596

Previews

White Background



This preview shows how the Yxy color 72.1972, 0.2921, 0.3487 looks on a white background.

Color Contrast Check

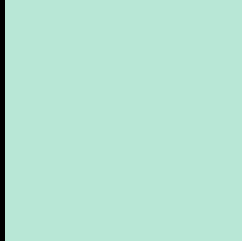
Large Text (above 18pt) WCAG AA × Fail

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 72.1972, 0.2921, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

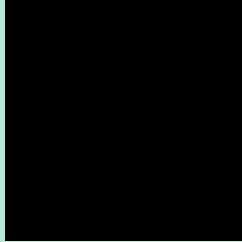
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

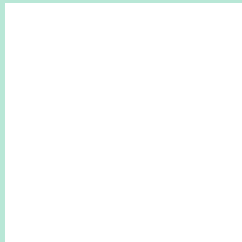
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1972, 0.2921, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 72.1972, 0.2921, 0.3487.

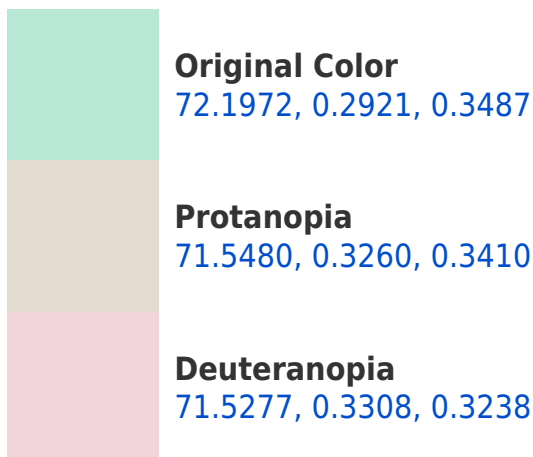


This preview shows how white text looks on a background with the Yxy color 72.1972, 0.2921, 0.3487.

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

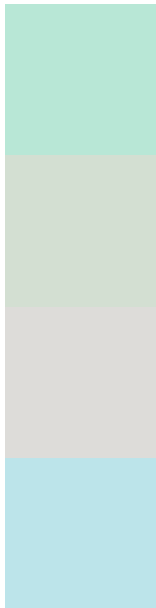




Tritanopia

71.9324, 0.2778, 0.3078

Trichromacy



Original Color

72.1972, 0.2921, 0.3487

Protanomaly

71.2774, 0.3127, 0.3436

Deuteranomaly

71.5683, 0.3154, 0.3323

Tritanomaly

72.1187, 0.2829, 0.3221

Monochromacy



Original Color

72.1972, 0.2921, 0.3487

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.4566, 0.3047, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1972, 0.2921, 0.3487 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, 231, 214)` looks like.

```
.text, #text, p{  
    color:rgb(184, 231, 214)  
}
```

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, 231, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 231, 214) }
```

Border

The CSS property to change the border of an element to Yxy 72.1972, 0.2921, 0.3487 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, 231, 214) }
```

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

```
.border{ border-color:rgb(184, 231, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 231, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 231, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 231, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 231,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1972, 0.2921, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 231, 214) }
```

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

```
.background{ background-color: rgb(184,  
231, 214) }
```

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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