

Converting Colors

$Yxy(72.3812, 0.3284, 0.4371)$

Have a look what the booklet for
Yxy(72.3812, 0.3284, 0.4371)
contains.

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Color

Yxy(72.3783, 0.3286, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	B4ED93
RGB	180, 237, 147
RGB Percent	71%, 93%, 58%
CMY	0.2941, 0.0706, 0.4234
CMYK	0.24, 0.00, 0.38, 0.07
HSL	98°, 71%, 75%
HSV	98°, 38%, 93%
XYZ	54.3747, 72.3783, 38.7209
YIQ	209.6970, -5.0820, -40.0740

Conversions

Conversions Part 2

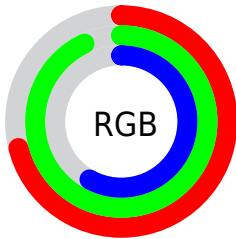
Format	Color
RYB	147, 237, 204
Decimal	11857299
CIELab	88.15, -33.85, 37.87
CIElCh	88, 50.797, 131.791
Yxy	72.3783, 0.3286, 0.4374
Android (android.graphics.Color)	4290047379 (0xFFB4ED93)
YUV	209.6970, -30.9096, -26.0443
Hunter-Lab	85.0754, -34.7963, 32.5678

Details

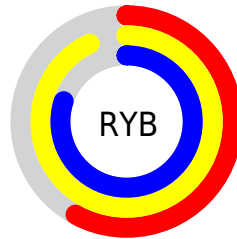
The Yxy color **72.3783, 0.3286, 0.4374** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.8351, 0.2883, 0.2268**, and the grayscale version is **64.4519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7888, 0.3323, 0.3831**, and **38.2339, 0.3296, 0.4659** is the 20% darker color. If you saturate the color by 10%, you get **70.0065, 0.3312, 0.4693**, and if you desaturate by 10%, it is **75.1049, 0.3251, 0.4061**.

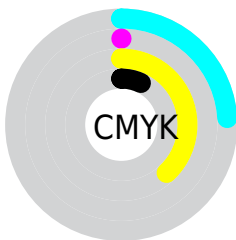
Distribution



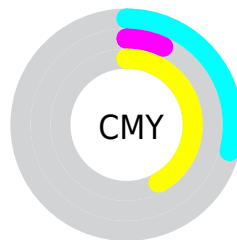
- Red (71%)
- Green (93%)
- Blue (58%)



- Red (58%)
- Yellow (93%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (38%)
- Black (7%)




- Cyan (29%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3783, 0.3286, 0.4374 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 72.3783, 0.3286, 0.4374 by changing the saturation by 10% instead.

 72.3783, 0.3286,
0.4374

 72.3783, 0.3286,
0.4374


468.8573, 0.3231,
0.3847

 53.4678, 0.3293,
0.4499


 122.5942, 0.3271,
0.4187

 38.1763, 0.3298,
0.4656


 154.6684, 0.3264,
0.4115

 26.1196, 0.3300,
0.4857


191.8992, 0.3257,
0.4054

 16.9131, 0.3291,
0.5123

234.6711, 0.3251,
0.4002

 10.1726, 0.3259,
0.5487

283.3685, 0.3245,
0.3956

 5.5135, 0.3175,
0.6012

338.3757, 0.3240,

 2.5516, 0.3026,

0.3915

0.6974

400.0772, 0.3235,
0.3879

0.9024, 0.0334,
0.9666

0.0000, 0.0000,
0.0000

72.3783, 0.3286,
0.4374

72.3783, 0.3286,
0.4374

70.0065, 0.3312,
0.4693

75.1049, 0.3251,
0.4061

67.9644, 0.3324,
0.5005

78.1915, 0.3209,
0.3764

66.2382, 0.3320,
0.5289

81.6549, 0.3164,
0.3490

64.8090, 0.3297,
0.5530

85.5081, 0.3118,
0.3241

■ 63.6553, 0.3258,
0.5710

■ 89.0506, 0.3135,
0.3117

■ 62.7499, 0.3205,
0.5826

■ 62.5892, 0.3194,
0.5846

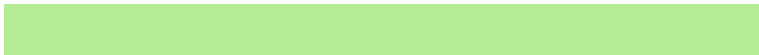
Harmonies

Analogous

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



72.3783, 0.3856, 0.4352



72.3783, 0.3286, 0.4374



72.3783, 0.2702, 0.3999

Triad

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



72.3783, 0.3286, 0.4374



72.3783, 0.2093, 0.2453



72.3783, 0.4054, 0.3112

Complementary

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



72.3783, 0.3286, 0.4374



39.8351, 0.2883, 0.2268

Split Complementary

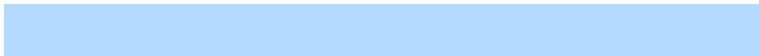
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3783, 0.3494, 0.2706



72.3783, 0.3286, 0.4374



72.3783, 0.2376, 0.2334

Square

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



72.3783, 0.3286, 0.4374



72.3783, 0.2051, 0.2811



72.3783, 0.2872, 0.2430



72.3783, 0.4338, 0.3579

Rectangle

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



72.3783, 0.3286, 0.4374



72.3783, 0.2384, 0.3596



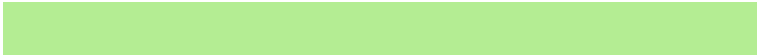
72.3783, 0.2872, 0.2430



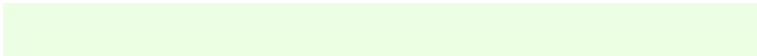
72.3783, 0.3888, 0.2966

Sweetspot

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



72.3814, 0.3286, 0.4374



95.1070, 0.3178, 0.3572



63.3055, 0.3822, 0.3916



20.2361, 0.3184, 0.3609



0.0000, 0.0000, 0.0000



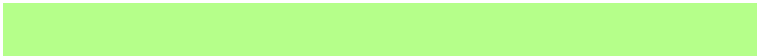
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3814, 0.3286, 0.4374



83.1314, 0.3308, 0.4637



69.2809, 0.3008, 0.4290



17.1308, 0.3171, 0.3530



34.2381, 0.3206, 0.5837



2.7414, 0.3313, 0.5751

Inverse Universe

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



39.8351, 0.2883, 0.2268



39.3111, 0.2812, 0.2038



44.3196, 0.3276, 0.2463



15.0219, 0.3079, 0.3054



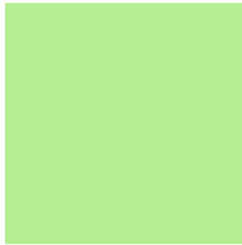
6.9636, 0.2308, 0.1045



0.6010, 0.2433, 0.1114

Previews

White Background



This preview shows how the Yxy color 72.3783, 0.3286, 0.4374 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 72.3783, 0.3286, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

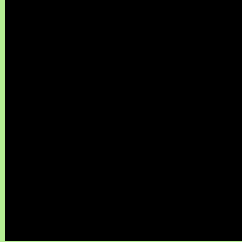
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3783, 0.3286, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 72.3783, 0.3286, 0.4374.

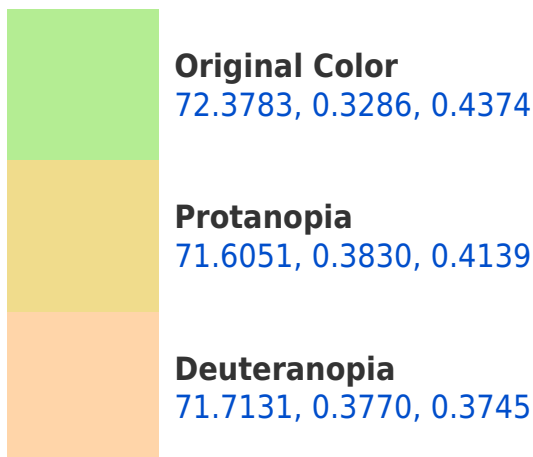


This preview shows how white text looks on a background with the Yxy color 72.3783, 0.3286, 0.4374.

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

71.9236, 0.2819, 0.3090

Trichromacy



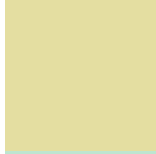
Original Color

72.3783, 0.3286, 0.4374



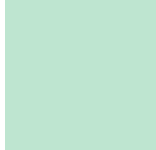
Protanomaly

71.2813, 0.3616, 0.4221



Deuteranomaly

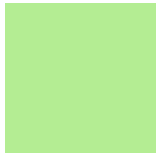
71.3097, 0.3587, 0.3963



Tritanomaly

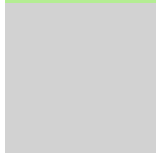
71.5398, 0.2995, 0.3533

Monochromacy



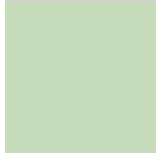
Original Color

72.3783, 0.3286, 0.4374



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.9164, 0.3195, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3783, 0.3286, 0.4374 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(180, 237, 147)` looks like.

```
.text, #text, p{  
    color:rgb(180, 237, 147)  
}
```

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(180, 237, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 237, 147) }
```

Border

The CSS property to change the border of an element to Yxy 72.3783, 0.3286, 0.4374 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(180, 237, 147) }
```

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

```
.border{ border-color:rgb(180, 237, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 237, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 237, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 237, 147);  
box-shadow:4px 4px 4px 4px rgb(180, 237,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3783, 0.3286, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 237, 147) }
```

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

```
.background{ background-color: rgb(180,  
237, 147) }
```

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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