

Converting Colors

$Yxy(72.4675, 0.2927, 0.3504)$

Have a look what the booklet for
Yxy(72.4675, 0.2927, 0.3504)
contains.

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Color

Yxy(72.7077, 0.2927, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	B8E8D5
RGB	184, 232, 213
RGB Percent	72%, 91%, 84%
CMY	0.2785, 0.0902, 0.1646
CMYK	0.21, 0.00, 0.08, 0.09
HSL	156°, 51%, 82%
HSV	156°, 21%, 91%
XYZ	60.6312, 72.7077, 73.8056
YIQ	215.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

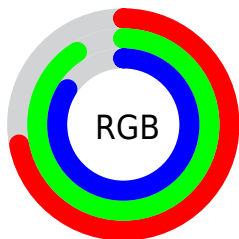
Format	Color
RYB	184, 214, 232
Decimal	12118229
CIELab	88.31, -19.19, 4.15
CIELCh	88, 19.632, 167.782
Yxy	72.7077, 0.2927, 0.3510
Android (android.graphics.Color)	4290308309 (0xFFB8E8D5)
YUV	215.4820, -1.2236, -27.6097
Hunter-Lab	85.2688, -22.2963, 8.3689

Details

The Yxy color **72.7077, 0.2927, 0.3510** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.7363, 0.3382, 0.3081**, and the grayscale version is **68.3179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **38.2651, 0.2881, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **69.6245, 0.2838, 0.3633**, and if you desaturate by 10%, it is **76.2931, 0.3022, 0.3398**.

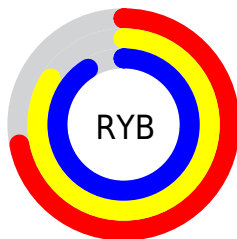
Distribution



Red (72%)

Green (91%)

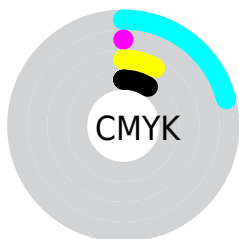
Blue (84%)



Red (72%)

Yellow (84%)

Blue (91%)

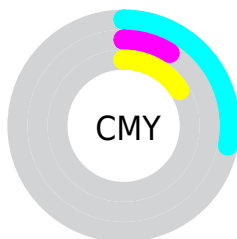


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (9%)



Cyan (28%)


Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7077, 0.2927, 0.3510 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 72.7077, 0.2927, 0.3510 by changing the saturation by 10% instead.


 72.7077, 0.2927,
0.3510

 72.7077, 0.2927,
0.3510


470.0011, 0.3020,
0.3407

 53.7370, 0.2905,
0.3534


 123.0622, 0.2960,
0.3474

 38.3914, 0.2879,
0.3564


155.2147, 0.2972,
0.3460

 26.2866, 0.2845,
0.3602


192.5300, 0.2983,
0.3448

 17.0382, 0.2800,
0.3653

235.3924, 0.2992,
0.3437

 10.2617, 0.2738,
0.3724

284.1863, 0.3001,
0.3428

 5.5728, 0.2648,
0.3828


339.2961, 0.3008,

 2.5871, 0.2504,

0.3420

0.3997

401.1063, 0.3015,
0.3413


 0.9202, 0.1992,
0.4517

 0.0000, 0.0000,
0.0000


 72.7077, 0.2927,
0.3510


 72.7077, 0.2927,
0.3510


 69.6245, 0.2838,
0.3633

 76.2931, 0.3022,
0.3398


 67.0112, 0.2759,
0.3767

 80.3934, 0.3120,
0.3297

 64.8455, 0.2693,
0.3910

 85.0320, 0.3220,
0.3207

 63.0997, 0.2642,
0.4060

 85.8617, 0.3171,
0.3118

■ 61.7431, 0.2609,
0.4214

■ 86.1984, 0.3138,
0.3068

■ 60.7402, 0.2597,
0.4369

■ 60.0492, 0.2605,
0.4522

■ 59.6215, 0.2628,
0.4661

Harmonies

Analogous

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



72.7077, 0.3157, 0.3666



72.7077, 0.2927, 0.3510



72.7077, 0.2754, 0.3291

Triad

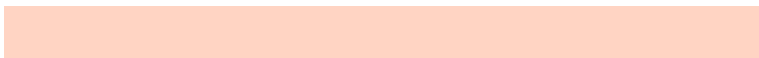
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7077, 0.2927, 0.3510



72.7077, 0.2863, 0.2895



72.7077, 0.3597, 0.3470

Complementary

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



72.7077, 0.2927, 0.3510



55.7363, 0.3382, 0.3081

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.



72.7077, 0.3513, 0.3271



72.7077, 0.2927, 0.3510



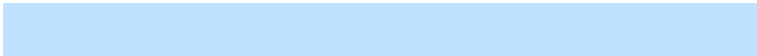
72.7077, 0.3083, 0.2948

Square

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



72.7077, 0.2927, 0.3510



72.7077, 0.2719, 0.2941



72.7077, 0.3322, 0.3083



72.7077, 0.3549, 0.3632

Rectangle

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



72.7077, 0.2927, 0.3510



72.7077, 0.2692, 0.3147



72.7077, 0.3322, 0.3083



72.7077, 0.3583, 0.3405

Sweetspot

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



72.7107, 0.2927, 0.3510



96.8295, 0.3067, 0.3349



73.9007, 0.3232, 0.3841



20.6547, 0.3061, 0.3356



0.0000, 0.0000, 0.0000



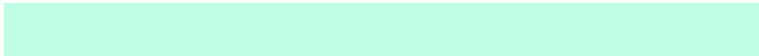
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7107, 0.2927, 0.3510



88.3312, 0.2887, 0.3563



71.0642, 0.2815, 0.3234



16.2349, 0.3034, 0.3384



33.1220, 0.2621, 0.4637



2.4658, 0.2561, 0.4418

Inverse Universe

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



55.7363, 0.3382, 0.3081



63.6115, 0.3451, 0.3033



56.9156, 0.3531, 0.3345



14.4619, 0.3231, 0.3197



9.9733, 0.5392, 0.2744



0.7549, 0.5003, 0.2530

Previews

White Background



This preview shows how the Yxy color 72.7077, 0.2927, 0.3510 looks on a white background.

Color Contrast Check

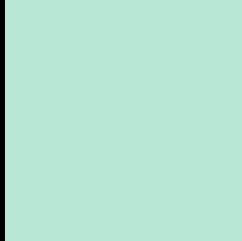
Large Text (above 18pt) WCAG AA × Fail

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 72.7077, 0.2927, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

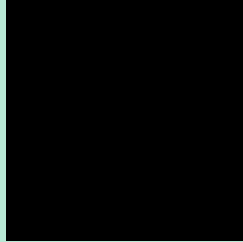
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

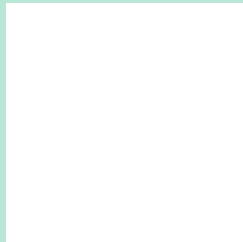
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7077, 0.2927, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 72.7077, 0.2927, 0.3510.

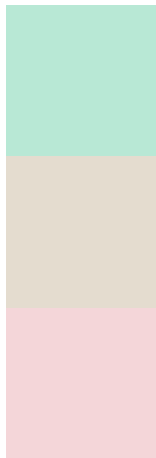


This preview shows how white text looks on a background with the Yxy color 72.7077, 0.2927, 0.3510.

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



Original Color

72.7077, 0.2927, 0.3510

Protanopia

72.1854, 0.3273, 0.3431

Deuteranopia

72.3360, 0.3329, 0.3259



Tritanopia

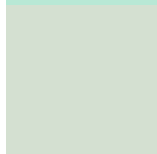
72.4779, 0.2779, 0.3089

Trichromacy



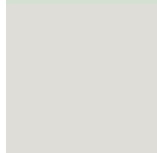
Original Color

72.7077, 0.2927, 0.3510



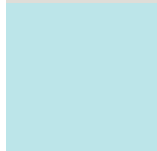
Protanomaly

71.9118, 0.3140, 0.3458



Deuteranomaly

72.2004, 0.3167, 0.3345



Tritanomaly

72.6132, 0.2835, 0.3244

Monochromacy



Original Color

72.7077, 0.2927, 0.3510



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.4053, 0.3053, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7077, 0.2927, 0.3510 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 213) }
```

Border

The CSS property to change the border of an element to Yxy 72.7077, 0.2927, 0.3510 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, 213) }
```

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

```
.border{ border-color:rgb(184, 232, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 213);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
213) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 72.7077, 0.2927, 0.3510$ 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, 213) }
```

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

```
.background{ background-color: rgb(184,  
232, 213) }
```

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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