

Converting Colors

$Yxy(73.1648, 0.2913, 0.3460)$

Have a look what the booklet for
Yxy(73.1648, 0.2913, 0.3460)
contains.

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Color

Yxy(73.1621, 0.2917, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	BAE8D9
RGB	186, 232, 217
RGB Percent	73%, 91%, 85%
CMY	0.2703, 0.0902, 0.1490
CMYK	0.20, 0.00, 0.06, 0.09
HSL	160°, 50%, 82%
HSV	160°, 20%, 91%
XYZ	61.6447, 73.1621, 76.5222
YIQ	216.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

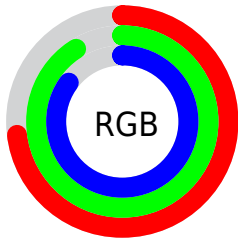
Format	Color
RYB	186, 213, 232
Decimal	12249305
CIELab	88.52, -17.74, 2.40
CIELCh	89, 17.898, 172.298
Yxy	73.1621, 0.2917, 0.3462
Android (android.graphics.Color)	4290439385 (0xFFBAE8D9)
YUV	216.5360, 0.2288, -26.7801
Hunter-Lab	85.5348, -21.0416, 6.8316

Details

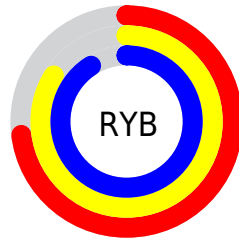
The Yxy color **73.1621, 0.2917, 0.3462** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.5234, 0.3394, 0.3125**, and the grayscale version is **69.0751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **38.5648, 0.2867, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **70.1051, 0.2820, 0.3562**, and if you desaturate by 10%, it is **76.7150, 0.3021, 0.3371**.

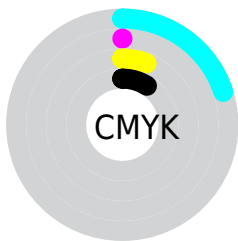
Distribution



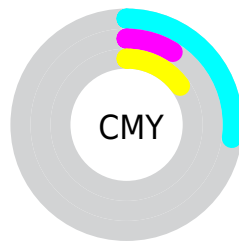
- Red (73%)
- Green (91%)
- Blue (85%)



- Red (73%)
- Yellow (84%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)





- Cyan (27%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1621, 0.2917, 0.3462 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 73.1621, 0.2917, 0.3462 by changing the saturation by 10% instead.


 73.1621, 0.2917,
0.3462

 73.1621, 0.2917,
0.3462


471.5764, 0.3015,
0.3382

 54.1085, 0.2895,
0.3481


 123.7073, 0.2951,
0.3434

 38.6884, 0.2867,
0.3504


155.9677, 0.2964,
0.3423

 26.5174, 0.2832,
0.3533


193.3992, 0.2975,
0.3414

 17.2111, 0.2786,
0.3572

236.3861, 0.2985,
0.3406

 10.3851, 0.2723,
0.3625

285.3129, 0.2994,
0.3399

 5.6551, 0.2631,
0.3703

340.5640, 0.3002,

 2.6365, 0.2487,

0.3392

0.3829

402.5237, 0.3008,
0.3387

0.9450, 0.2045,
0.4165

0.0000, 0.0000,
0.0000

73.1621, 0.2917,
0.3462

73.1621, 0.2917,
0.3462

70.1051, 0.2820,
0.3562

76.7150, 0.3021,
0.3371

67.5120, 0.2732,
0.3670


80.7761, 0.3129,
0.3288


65.3608, 0.2658,
0.3785


85.2407, 0.3235,
0.3215

63.6245, 0.2599,
0.3906


85.6994, 0.3186,
0.3141


 62.2727, 0.2559,
0.4031


 86.1770, 0.3138,
0.3069

 61.2708, 0.2540,
0.4157

 86.1864, 0.3138,
0.3068

 60.5778, 0.2540,
0.4283

 60.1251, 0.2558,
0.4407

 60.1166, 0.2558,
0.4409

Harmonies

Analogous

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



73.1621, 0.3122, 0.3615



73.1621, 0.2917, 0.3462



73.1621, 0.2771, 0.3261

Triad

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



73.1621, 0.2917, 0.3462



73.1621, 0.2914, 0.2931



73.1621, 0.3555, 0.3480

Complementary

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



73.1621, 0.2917, 0.3462



56.5234, 0.3394, 0.3125

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.



73.1621, 0.3496, 0.3301



73.1621, 0.2917, 0.3462



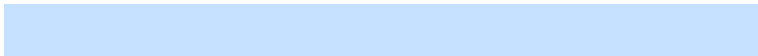
73.1621, 0.3120, 0.2992

Square

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



73.1621, 0.2917, 0.3462



73.1621, 0.2769, 0.2960



73.1621, 0.3335, 0.3125



73.1621, 0.3494, 0.3618

Rectangle

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



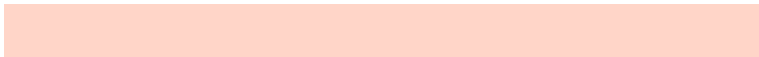
73.1621, 0.2917, 0.3462



73.1621, 0.2723, 0.3134



73.1621, 0.3335, 0.3125



73.1621, 0.3549, 0.3423

Sweetspot

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



73.1651, 0.2917, 0.3462



96.8954, 0.3062, 0.3339



73.7250, 0.3206, 0.3818



20.6703, 0.3054, 0.3344



0.0000, 0.0000, 0.0000



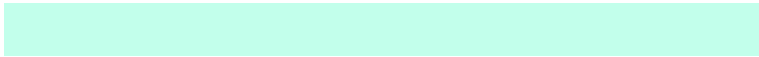
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1651, 0.2917, 0.3462



88.9629, 0.2874, 0.3504



69.7662, 0.2826, 0.3202



16.2522, 0.3025, 0.3368



33.4025, 0.2553, 0.4389



2.4852, 0.2502, 0.4208

Inverse Universe

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



56.5234, 0.3394, 0.3125



64.5978, 0.3468, 0.3086



59.1648, 0.3503, 0.3377



14.4451, 0.3241, 0.3214



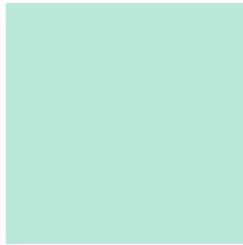
9.8322, 0.5661, 0.2892



0.7432, 0.5248, 0.2665

Previews

White Background



This preview shows how the Yxy color 73.1621, 0.2917, 0.3462 looks on a white background.

Color Contrast Check

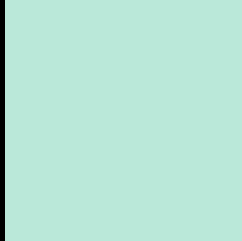
Large Text (above 18pt) WCAG AA × Fail

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 73.1621, 0.2917, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

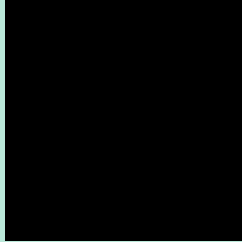
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

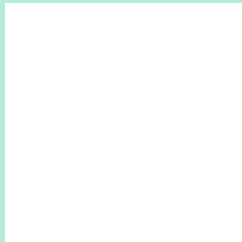
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1621, 0.2917, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 73.1621, 0.2917, 0.3462.

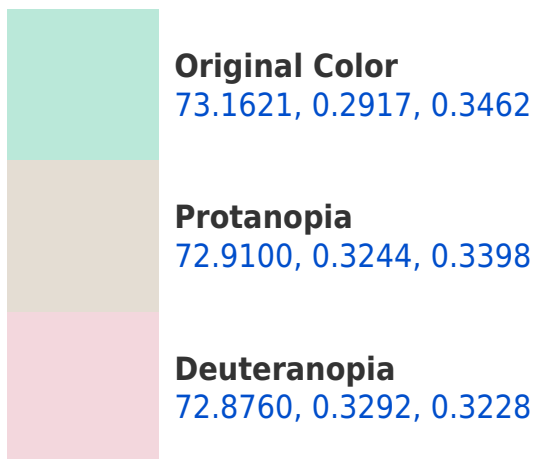


This preview shows how white text looks on a background with the Yxy color 73.1621, 0.2917, 0.3462.

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

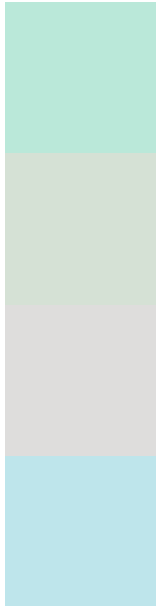




Tritanopia

73.3471, 0.2786, 0.3091

Trichromacy



Original Color

73.1621, 0.2917, 0.3462

Protanomaly

72.8007, 0.3121, 0.3423

Deuteranomaly

72.4098, 0.3141, 0.3301

Tritanomaly

72.9839, 0.2836, 0.3222

Monochromacy



Original Color

73.1621, 0.2917, 0.3462

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.3741, 0.3048, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1621, 0.2917, 0.3462 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(186, 232, 217)` looks like.

```
.text, #text, p{  
    color:rgb(186, 232, 217)  
}
```

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(186, 232, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 232, 217) }
```

Border

The CSS property to change the border of an element to Yxy 73.1621, 0.2917, 0.3462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

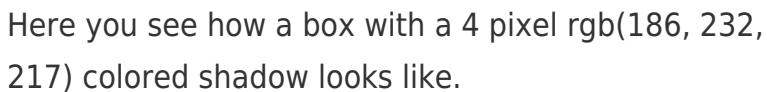
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 232, 217) }
```

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

```
.border{ border-color:rgb(186, 232, 217) }
```

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



Here you see how a box with a 4 pixel rgb(186, 232, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 232, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 232, 217); box-shadow:4px 4px 4px 4px rgb(186, 232, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1621, 0.2917, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 232, 217) }
```

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

```
.background{ background-color: rgb(186,  
232, 217) }
```

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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