

Converting Colors

$Yxy(75.1498, 0.2963, 0.3700)$

Have a look what the booklet for
Yxy(75.1498, 0.2963, 0.3700)
contains.

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Color

Yxy(75.1642, 0.2962, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	B4EECB
RGB	180, 238, 203
RGB Percent	71%, 93%, 80%
CMY	0.2939, 0.0667, 0.2038
CMYK	0.24, 0.00, 0.15, 0.07
HSL	144°, 63%, 82%
HSV	144°, 24%, 93%
XYZ	60.1883, 75.1642, 67.8489
YIQ	216.6680, -23.3330, -23.1810

Conversions

Conversions Part 2

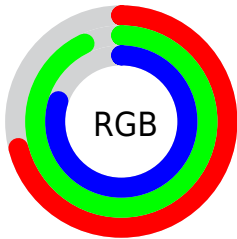
Format	Color
RYB	180, 222, 238
Decimal	11857611
CIELab	89.47, -25.25, 11.02
CIELCh	89, 27.545, 156.423
Yxy	75.1642, 0.2962, 0.3699
Android (android.graphics.Color)	4290047691 (0xFFB4EECB)
YUV	216.6680, -6.7383, -32.1578
Hunter-Lab	86.6973, -27.7994, 14.2880

Details

The Yxy color **75.1642, 0.2962, 0.3699** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.7495, 0.3338, 0.2914**, and the grayscale version is **69.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **40.0614, 0.2919, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **71.8972, 0.2900, 0.3899**, and if you desaturate by 10%, it is **78.9914, 0.3028, 0.3517**.

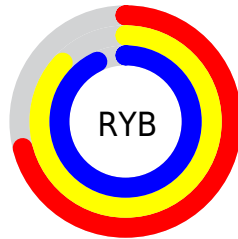
Distribution



Red (71%)

Green (93%)

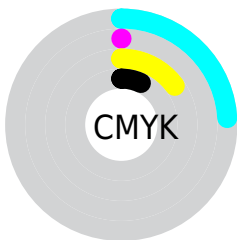
Blue (80%)



Red (71%)

Yellow (87%)

Blue (93%)

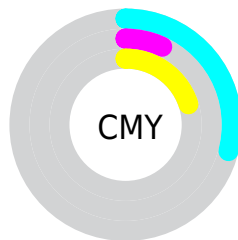


Cyan (24%)

Magenta (0%)

Yellow (15%)

Black (7%)



Cyan (29%)


Magenta (7%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1642, 0.2962, 0.3699 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 75.1642, 0.2962, 0.3699 by changing the saturation by 10% instead.

 75.1642, 0.2962,
0.3699

 75.1642, 0.2962,
0.3699


478.4818, 0.3041,
0.3505

 55.7474, 0.2943,
0.3745

 126.5448, 0.2990,
0.3631

 40.0005, 0.2920,
0.3801


159.2773, 0.3001,
0.3604

 27.5389, 0.2890,
0.3875


197.2173, 0.3010,
0.3582

 17.9784, 0.2850,
0.3972

240.7491, 0.3018,
0.3562

 10.9345, 0.2794,
0.4108

290.2570, 0.3024,
0.3545

 6.0228, 0.2709,
0.4311


346.1255, 0.3031,

 2.8589, 0.2569,

0.3530


0.4644

408.7389, 0.3036,
0.3517

 1.0585, 0.2100,
0.5848


 0.0000, 0.0000,
0.0000

 75.1642, 0.2962,
0.3699


 75.1642, 0.2962,
0.3699

 71.8972, 0.2900,
0.3899


 78.9914, 0.3028,
0.3517


 69.1543, 0.2847,
0.4116

 83.3942, 0.3097,
0.3355

 66.9094, 0.2805,
0.4346

 88.3993, 0.3166,
0.3211

 65.1307, 0.2777,
0.4583

 89.6241, 0.3135,
0.3127

■ 63.7822, 0.2767,
0.4820

■ 62.8227, 0.2776,
0.5048

■ 62.2018, 0.2803,
0.5257

■ 61.9584, 0.2824,
0.5365

Harmonies

Analogous

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



75.1642, 0.3289, 0.3863



75.1642, 0.2962, 0.3699



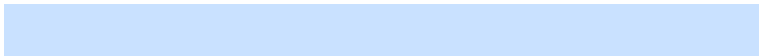
75.1642, 0.2689, 0.3408

Triad

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



75.1642, 0.2962, 0.3699



75.1642, 0.2673, 0.2756



75.1642, 0.3758, 0.3428

Complementary

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



75.1642, 0.2962, 0.3699



55.7495, 0.3338, 0.2914

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.



75.1642, 0.3576, 0.3157



75.1642, 0.2962, 0.3699



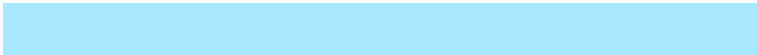
75.1642, 0.2940, 0.2782

Square

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



75.1642, 0.2962, 0.3699



75.1642, 0.2529, 0.2864



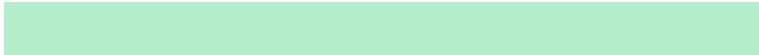
75.1642, 0.3271, 0.2927



75.1642, 0.3759, 0.3681

Rectangle

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



75.1642, 0.2962, 0.3699



75.1642, 0.2570, 0.3197



75.1642, 0.3271, 0.2927



75.1642, 0.3716, 0.3337

Sweetspot

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



75.1673, 0.2962, 0.3699



96.0957, 0.3079, 0.3397



79.0078, 0.3337, 0.3931



20.4999, 0.3074, 0.3406



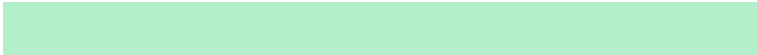
0.0000, 0.0000, 0.0000



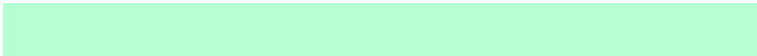
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1673, 0.2962, 0.3699



86.0211, 0.2932, 0.3792



76.6371, 0.2805, 0.3366



17.7602, 0.3062, 0.3436



34.5931, 0.2816, 0.5336



2.8969, 0.2742, 0.5073

Inverse Universe

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



55.7495, 0.3338, 0.2914



59.8019, 0.3390, 0.2837



54.4219, 0.3578, 0.3217



15.9191, 0.3199, 0.3148



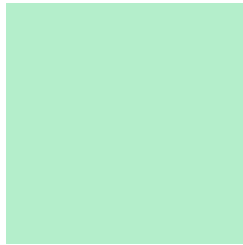
11.2848, 0.4525, 0.2266



0.9583, 0.4304, 0.2145

Previews

White Background



This preview shows how the Yxy color 75.1642, 0.2962, 0.3699 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 75.1642, 0.2962, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

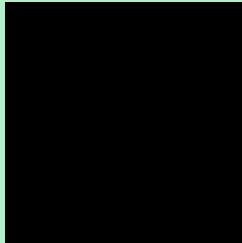
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

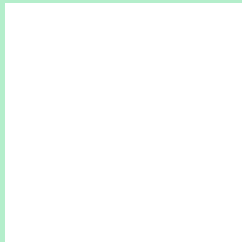
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1642, 0.2962, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 75.1642, 0.2962, 0.3699.

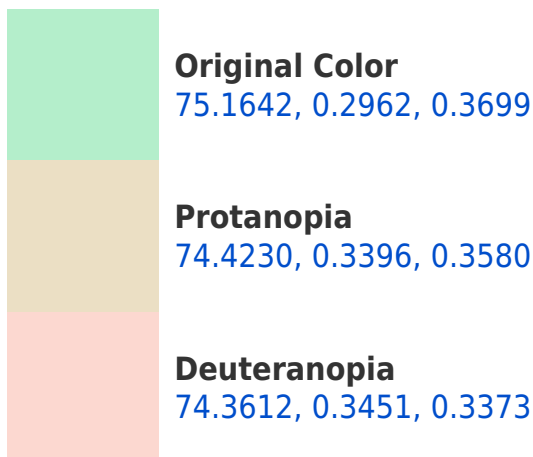


This preview shows how white text looks on a background with the Yxy color 75.1642, 0.2962, 0.3699.

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

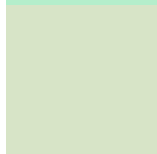
74.8728, 0.2749, 0.3080

Trichromacy



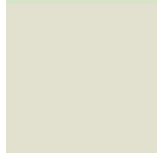
Original Color

75.1642, 0.2962, 0.3699



Protanomaly

74.0574, 0.3224, 0.3613



Deuteranomaly

73.9363, 0.3261, 0.3486



Tritanomaly

75.1679, 0.2827, 0.3300

Monochromacy



Original Color

75.1642, 0.2962, 0.3699



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.4413, 0.3065, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1642, 0.2962, 0.3699 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, 238, 203)` looks like.

```
.text, #text, p{  
    color:rgb(180, 238, 203)  
}
```

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, 238, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 238, 203) }
```

Border

The CSS property to change the border of an element to Yxy 75.1642, 0.2962, 0.3699 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, 238, 203) }
```

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

```
.border{ border-color:rgb(180, 238, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 238, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 238, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 238, 203);  
box-shadow:4px 4px 4px 4px rgb(180, 238,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1642, 0.2962, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 238, 203) }
```

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

```
.background{ background-color: rgb(180,  
238, 203) }
```

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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