

Converting Colors

$Yxy(75.2230, 0.2981, 0.3558)$

Have a look what the booklet for
Yxy(75.2230, 0.2981, 0.3558)
contains.

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Color

Yxy(75.2465, 0.2978, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	BFEBD4
RGB	191, 235, 212
RGB Percent	75%, 92%, 83%
CMY	0.2511, 0.0784, 0.1687
CMYK	0.19, 0.00, 0.10, 0.08
HSL	149°, 52%, 84%
HSV	149°, 19%, 92%
XYZ	63.0690, 75.2465, 73.4675
YIQ	219.2220, -18.8410, -16.4810

Conversions

Conversions Part 2

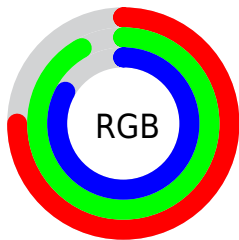
Format	Color
RYB	191, 221, 235
Decimal	12577748
CIELab	89.51, -18.67, 6.49
CIELCh	90, 19.764, 160.822
Yxy	75.2465, 0.2978, 0.3553
Android (android.graphics.Color)	4290767828 (0xFFBFEBD4)
YUV	219.2220, -3.5604, -24.7507
Hunter-Lab	86.7447, -22.0224, 10.5063

Details

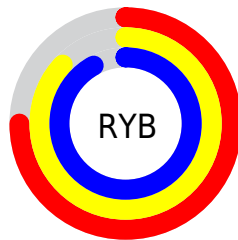
The Yxy color **75.2465, 0.2978, 0.3553** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.7691, 0.3309, 0.3041**, and the grayscale version is **71.0323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.9929, 0.2945, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **71.8468, 0.2904, 0.3716**, and if you desaturate by 10%, it is **79.1887, 0.3057, 0.3406**.

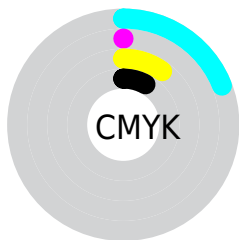
Distribution



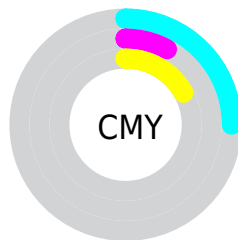
- Red (75%)
- Green (92%)
- Blue (83%)



- Red (75%)
- Yellow (87%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (25%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2465, 0.2978, 0.3553 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 75.2465, 0.2978, 0.3553 by changing the saturation by 10% instead.

 75.2465, 0.2978,
0.3553

 75.2465, 0.2978,
0.3553


478.7644, 0.3048,
0.3430

 55.8149, 0.2962,
0.3582


 126.6612, 0.3002,
0.3510

 40.0545, 0.2942,
0.3617


159.4131, 0.3012,
0.3493

 27.5810, 0.2916,
0.3663


197.3739, 0.3020,
0.3479

 18.0101, 0.2882,
0.3723

240.9279, 0.3027,
0.3466

 10.9572, 0.2836,
0.3807

290.4595, 0.3033,
0.3455

 6.0381, 0.2767,
0.3930


346.3532, 0.3039,


 2.8682, 0.2657,


0.3446


0.4130


408.9934, 0.3043,
0.3437


 1.0633, 0.2368,
0.4623


 0.0000, 0.0000,
0.0000


 75.2465, 0.2978,
0.3553


 75.2465, 0.2978,
0.3553


 71.8468, 0.2904,
0.3716

 79.1887, 0.3057,
0.3406


 68.9556, 0.2836,
0.3894

 83.6865, 0.3137,
0.3274

 66.5501, 0.2779,
0.4086

 87.5158, 0.3174,
0.3156

 64.6014, 0.2736,
0.4287

 87.9051, 0.3136,
0.3098

■ 63.0777, 0.2710,
0.4494

■ 61.9430, 0.2704,
0.4701

■ 61.1547, 0.2717,
0.4901

■ 60.6502, 0.2749,
0.5088

■ 60.5963, 0.2753,
0.5111

Harmonies

Analogous

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



75.2465, 0.3213, 0.3685



75.2465, 0.2978, 0.3553



75.2465, 0.2788, 0.3344

Triad

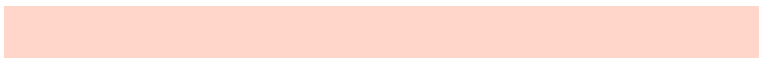
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2465, 0.2978, 0.3553



75.2465, 0.2823, 0.2899



75.2465, 0.3587, 0.3424

Complementary

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



75.2465, 0.2978, 0.3553



59.7691, 0.3309, 0.3041

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.



75.2465, 0.3475, 0.3225



75.2465, 0.2978, 0.3553



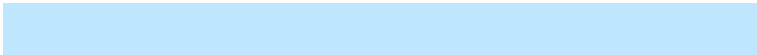
75.2465, 0.3028, 0.2929

Square

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



75.2465, 0.2978, 0.3553



75.2465, 0.2701, 0.2967



75.2465, 0.3267, 0.3047



75.2465, 0.3569, 0.3599

Rectangle

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



75.2465, 0.2978, 0.3553



75.2465, 0.2710, 0.3196



75.2465, 0.3267, 0.3047



75.2465, 0.3563, 0.3358

Sweetspot

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



75.2497, 0.2978, 0.3553



96.7079, 0.3079, 0.3369



77.5509, 0.3263, 0.3779



20.6260, 0.3073, 0.3377



0.0000, 0.0000, 0.0000



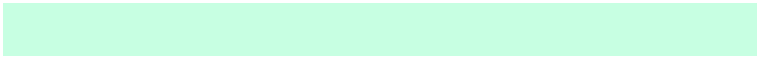
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2497, 0.2978, 0.3553



89.1202, 0.2952, 0.3606



76.4121, 0.2854, 0.3306



16.9818, 0.3051, 0.3416



33.7453, 0.2745, 0.5082



2.6692, 0.2673, 0.4821

Inverse Universe

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



59.7691, 0.3309, 0.3041



67.6762, 0.3348, 0.2994



58.7386, 0.3482, 0.3275



15.1857, 0.3211, 0.3167



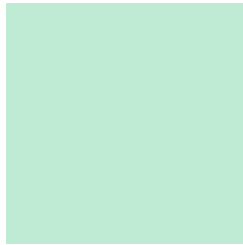
10.6510, 0.4858, 0.2450



0.8558, 0.4567, 0.2290

Previews

White Background



This preview shows how the Yxy color 75.2465, 0.2978, 0.3553 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 75.2465, 0.2978, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

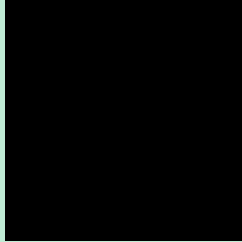
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

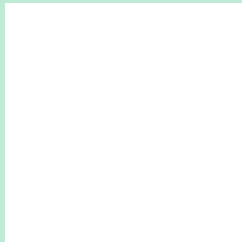
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2465, 0.2978, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 75.2465, 0.2978, 0.3553.

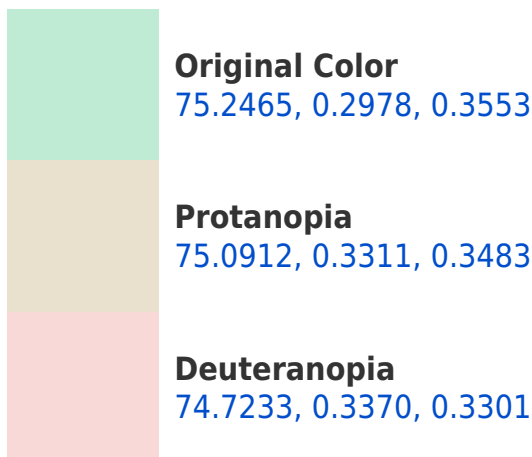


This preview shows how white text looks on a background with the Yxy color 75.2465, 0.2978, 0.3553.

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

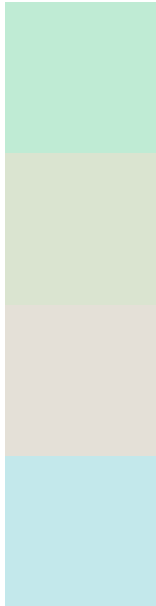




Tritanopia

75.3767, 0.2813, 0.3094

Trichromacy



Original Color

75.2465, 0.2978, 0.3553

Protanomaly

74.9463, 0.3186, 0.3510

Deuteranomaly

74.7116, 0.3215, 0.3387

Tritanomaly

75.3135, 0.2869, 0.3256

Monochromacy



Original Color

75.2465, 0.2978, 0.3553

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.3636, 0.3074, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2465, 0.2978, 0.3553 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(191, 235, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 235, 212)  
}
```

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(191, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 235, 212) }
```

Border

The CSS property to change the border of an element to Yxy 75.2465, 0.2978, 0.3553 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(191, 235, 212) }
```

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

```
.border{ border-color:rgb(191, 235, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 235, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 235,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2465, 0.2978, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 235, 212) }
```

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

```
.background{ background-color: rgb(191,  
235, 212) }
```

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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