

Converting Colors

$Yxy(74.0621, 0.2819, 0.3247)$

Have a look what the booklet for
Yxy(74.0621, 0.2819, 0.3247)
contains.

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Color

Yxy(74.2762, 0.2820, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	BBE8EB
RGB	187, 232, 235
RGB Percent	73%, 91%, 92%
CMY	0.2666, 0.0902, 0.0783
CMYK	0.20, 0.01, 0.00, 0.08
HSL	184°, 55%, 83%
HSV	184°, 20%, 92%
XYZ	64.3499, 74.2762, 89.5650
YIQ	218.8870, -27.7830, -8.6070

Conversions

Conversions Part 2

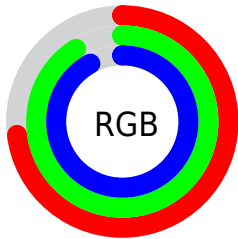
Format	Color
RYB	187, 210, 235
Decimal	12314859
CIELab	89.05, -13.77, -6.27
CIElCh	89, 15.131, 204.474
Yxy	74.2762, 0.2820, 0.3255
Android (android.graphics.Color)	4290504939 (0xFFBBE8EB)
YUV	218.8870, 7.9437, -27.9649
Hunter-Lab	86.1836, -17.5425, -1.2877

Details

The Yxy color **74.2762, 0.2820, 0.3255** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.0993, 0.3529, 0.3325**, and the grayscale version is **70.7180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **39.2919, 0.2753, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **70.7218, 0.2684, 0.3236**, and if you desaturate by 10%, it is **78.3289, 0.2967, 0.3273**.

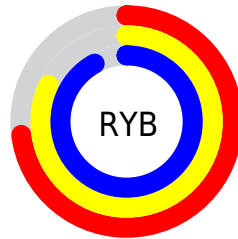
Distribution



Red (73%)

Green (91%)

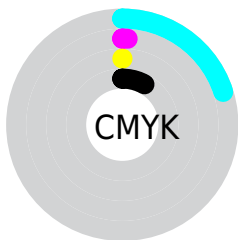
Blue (92%)



Red (73%)

Yellow (82%)

Blue (92%)

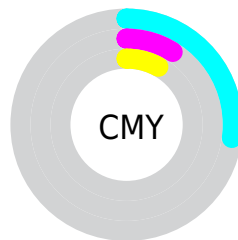


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (8%)



Cyan (27%)


Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2762, 0.2820, 0.3255 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 74.2762, 0.2820, 0.3255 by changing the saturation by 10% instead.


 74.2762, 0.2820,
0.3255

 74.2762, 0.2820,
0.3255


475.4261, 0.2960,
0.3273

 55.0201, 0.2788,
0.3251

 125.2873, 0.2868,
0.3262

 39.4178, 0.2749,
0.3245


157.8110, 0.2887,
0.3264

 27.0849, 0.2700,
0.3237


195.5262, 0.2904,
0.3266

 17.6370, 0.2637,
0.3227

238.8171, 0.2918,
0.3268

 10.6897, 0.2551,
0.3212

288.0681, 0.2930,
0.3269

 5.8586, 0.2430,
0.3188

343.6637, 0.2942,

 2.7593, 0.2246,

0.3271

0.3147

405.9882, 0.2951,
0.3272

■ 1.0074, 0.1884,
0.3080

■ 0.0000, 0.0000,
0.0000

■ 74.2762, 0.2820,
0.3255

■ 74.2762, 0.2820,
0.3255

■ 70.7218, 0.2684,
0.3236

■ 78.3289, 0.2967,
0.3273

■ 67.6329, 0.2560,
0.3216

■ 82.8926, 0.3120,
0.3289

■ 64.9870, 0.2453,
0.3195

■ 87.5107, 0.3261,
0.3304

■ 62.7561, 0.2363,
0.3173

■ 88.3706, 0.3260,
0.3319

■ 60.9089, 0.2292,
0.3152

■ 89.2376, 0.3258,
0.3333

■ 59.4096, 0.2241,
0.3130

■ 90.1117, 0.3257,
0.3348

■ 58.2155, 0.2209,
0.3109

■ 90.9930, 0.3255,
0.3362

■ 57.2904, 0.2191,
0.3089

■ 91.8815, 0.3254,
0.3376

■ 92.7771, 0.3253,
0.3391

Harmonies

Analogous

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



74.2762, 0.2939, 0.3423



74.2762, 0.2820, 0.3255



74.2762, 0.2781, 0.3103

Triad

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



74.2762, 0.2820, 0.3255



74.2762, 0.3136, 0.3044



74.2762, 0.3429, 0.3573

Complementary

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



74.2762, 0.2820, 0.3255



58.0993, 0.3529, 0.3325

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.



74.2762, 0.3486, 0.3462



74.2762, 0.2820, 0.3255



74.2762, 0.3314, 0.3161

Square

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



74.2762, 0.2820, 0.3255



74.2762, 0.2959, 0.2988



74.2762, 0.3444, 0.3312



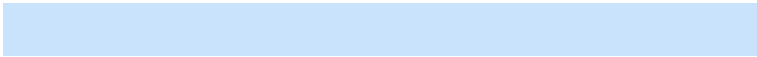
74.2762, 0.3290, 0.3610

Rectangle

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



74.2762, 0.2820, 0.3255



74.2762, 0.2805, 0.3032



74.2762, 0.3444, 0.3312



74.2762, 0.3458, 0.3543

Sweetspot

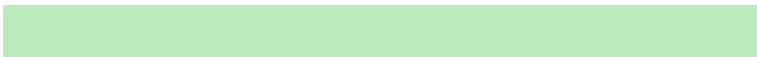
The Sweet Spot groups the original color and five complimentary colors.



74.2792, 0.2820, 0.3255



96.5982, 0.3034, 0.3280



73.6923, 0.3086, 0.3826



20.5997, 0.3024, 0.3279



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.



74.2792, 0.2820, 0.3255



87.3085, 0.2755, 0.3246



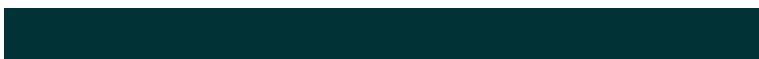
61.9796, 0.2802, 0.2984



16.9495, 0.2981, 0.3275



31.9467, 0.2192, 0.3092



2.5579, 0.2200, 0.3121

Inverse Universe

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



59.0376, 0.3174, 0.2813



65.5943, 0.3186, 0.2702



69.0561, 0.3479, 0.3578



15.2964, 0.3148, 0.3072



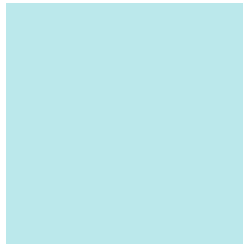
12.7179, 0.3374, 0.1632



1.0036, 0.3349, 0.1618

Previews

White Background



This preview shows how the Yxy color 74.2762, 0.2820, 0.3255 looks on a white background.

Color Contrast Check

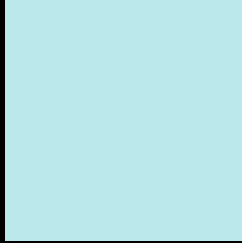
Large Text (above 18pt) WCAG AA × Fail

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 74.2762, 0.2820, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

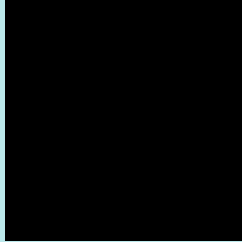
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2762, 0.2820, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 74.2762, 0.2820, 0.3255.

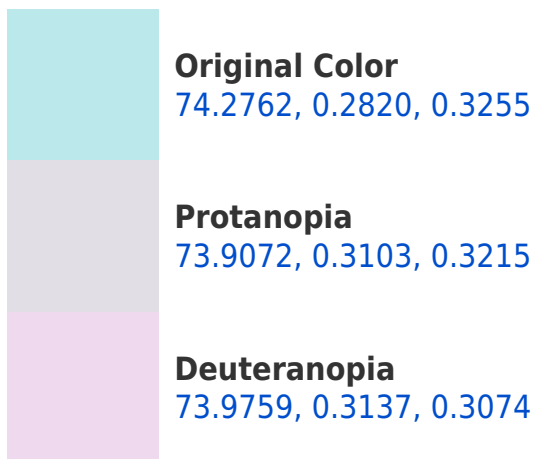


This preview shows how white text looks on a background with the Yxy color 74.2762, 0.2820, 0.3255.

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

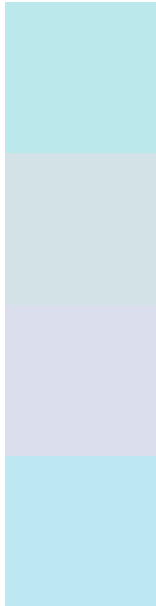




Tritanopia

74.3181, 0.2765, 0.3091

Trichromacy



Original Color

74.2762, 0.2820, 0.3255

Protanomaly

74.0111, 0.2994, 0.3235

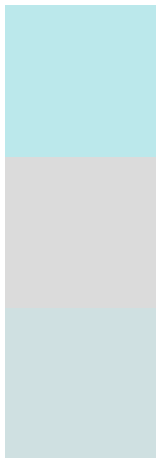
Deuteranomaly

73.4170, 0.3010, 0.3129

Tritanomaly

74.4417, 0.2787, 0.3156

Monochromacy



Original Color

74.2762, 0.2820, 0.3255

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.0129, 0.3004, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2762, 0.2820, 0.3255 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(187, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(187, 232, 235)  
}
```

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(187, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 232, 235) }
```

Border

The CSS property to change the border of an element to Yxy 74.2762, 0.2820, 0.3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

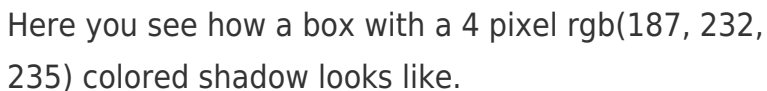
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 232, 235) }
```

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

```
.border{ border-color:rgb(187, 232, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 232, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 232, 235); box-shadow:4px 4px 4px 4px rgb(187, 232, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2762, 0.2820, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 232, 235) }
```

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

```
.background{ background-color: rgb(187,  
232, 235) }
```

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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