

Converting Colors

$Yxy(75.5841, 0.2832, 0.3388)$

Have a look what the booklet for
Yxy(75.5841, 0.2832, 0.3388)
contains.

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Color

Yxy(75.5374, 0.2832, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	B6ECE4
RGB	182, 236, 228
RGB Percent	71%, 93%, 89%
CMY	0.2863, 0.0745, 0.1058
CMYK	0.23, 0.00, 0.03, 0.07
HSL	171°, 59%, 82%
HSV	171°, 23%, 93%
XYZ	63.2905, 75.5374, 84.6555
YIQ	218.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

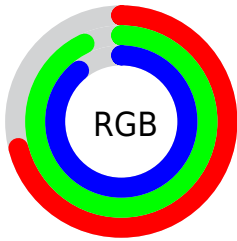
Format	Color
R _Y B	182, 211, 236
Decimal	11988196
CIE Lab	89.64, -18.74, -1.76
CIE LCh	90, 18.825, 185.366
Yxy	75.5374, 0.2832, 0.3380
Android (android.graphics.Color)	4290178276 (0xFFB6ECE4)
YUV	218.9420, 4.4656, -32.3981
Hunter-Lab	86.9123, -22.1107, 3.0881

Details

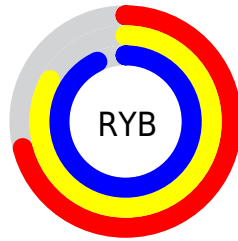
The Yxy color **75.5374, 0.2832, 0.3380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.0032, 0.3529, 0.3203**, and the grayscale version is **70.7812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **40.2488, 0.2763, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **72.7133, 0.2718, 0.3425**, and if you desaturate by 10%, it is **78.8558, 0.2956, 0.3338**.

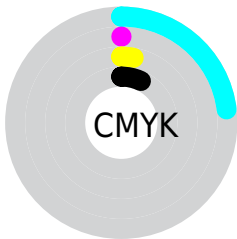
Distribution



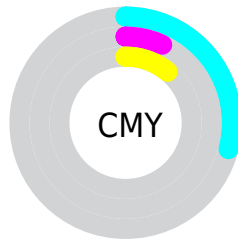
- Red (71%)
- Green (93%)
- Blue (89%)



- Red (71%)
- Yellow (83%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)




- Cyan (29%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5374, 0.2832, 0.3380 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 75.5374, 0.2832, 0.3380 by changing the saturation by 10% instead.

 75.5374, 0.2832,
0.3380

 75.5374, 0.2832,
0.3380


479.7627, 0.2967,
0.3339

 56.0533, 0.2801,
0.3389


 127.0728, 0.2879,
0.3366

 40.2456, 0.2764,
0.3400

159.8928, 0.2897,
0.3361

 27.7301, 0.2717,
0.3414


197.9269, 0.2913,
0.3356

 18.1223, 0.2655,
0.3431

241.5595, 0.2926,
0.3352

 11.0378, 0.2572,
0.3455

291.1750, 0.2938,
0.3348

 6.0923, 0.2455,
0.3487

347.1578, 0.2949,

 2.9013, 0.2274,

0.3345

409.8922, 0.2959,
0.3342

0.3536

1.0804, 0.1882,
0.3650

0.0000, 0.0000,
0.0000

75.5374, 0.2832,
0.3380

75.5374, 0.2832,
0.3380

72.7133, 0.2718,
0.3425

78.8558, 0.2956,
0.3338

70.3500, 0.2617,
0.3473

82.6818, 0.3088,
0.3300

68.4242, 0.2532,
0.3523

87.0396, 0.3224,
0.3266

66.9068, 0.2464,
0.3575


87.6633, 0.3217,
0.3232


 65.7652, 0.2417,
0.3627


 87.8750, 0.3195,
0.3198


 64.9618, 0.2388,
0.3680

 88.0907, 0.3173,
0.3165

 64.4512, 0.2379,
0.3733

 88.3105, 0.3152,
0.3131

 64.2161, 0.2381,
0.3770

 88.4739, 0.3136,
0.3107

Harmonies

Analogous

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



75.5374, 0.3025, 0.3570



75.5374, 0.2832, 0.3380



75.5374, 0.2719, 0.3171

Triad

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



75.5374, 0.2832, 0.3380



75.5374, 0.2994, 0.2934



75.5374, 0.3560, 0.3558

Complementary

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



75.5374, 0.2832, 0.3380



55.0032, 0.3529, 0.3203

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.



75.5374, 0.3553, 0.3384



75.5374, 0.2832, 0.3380



75.5374, 0.3220, 0.3033

Square

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



75.5374, 0.2832, 0.3380



75.5374, 0.2810, 0.2922



75.5374, 0.3427, 0.3195



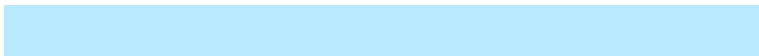
75.5374, 0.3447, 0.3669

Rectangle

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



75.5374, 0.2832, 0.3380



75.5374, 0.2702, 0.3053



75.5374, 0.3427, 0.3195



75.5374, 0.3572, 0.3505

Sweetspot

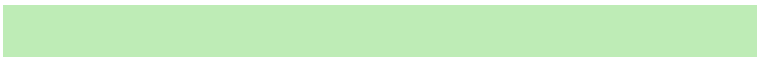
The Sweet Spot groups the original color and five complimentary colors.



75.5405, 0.2832, 0.3380



96.6015, 0.3033, 0.3316



74.3302, 0.3151, 0.3923



20.6171, 0.3025, 0.3318



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.



75.5405, 0.2832, 0.3380



88.5595, 0.2782, 0.3399



65.6782, 0.2771, 0.3071



17.0814, 0.3001, 0.3325



35.4105, 0.2378, 0.3761



2.7910, 0.2358, 0.3688

Inverse Universe

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



55.0032, 0.3529, 0.3203



60.4416, 0.3628, 0.3186



62.9360, 0.3553, 0.3499



15.0903, 0.3270, 0.3255



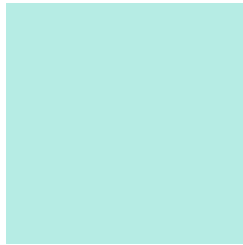
9.9079, 0.6196, 0.3187



0.7892, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 75.5374, 0.2832, 0.3380 looks on a white background.

Color Contrast Check

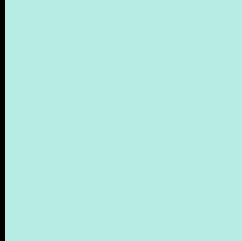
Large Text (above 18pt) WCAG AA × Fail

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 75.5374, 0.2832, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

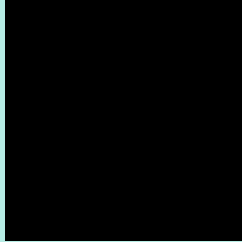
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

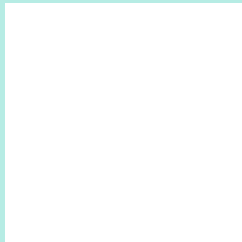
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5374, 0.2832, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 75.5374, 0.2832, 0.3380.

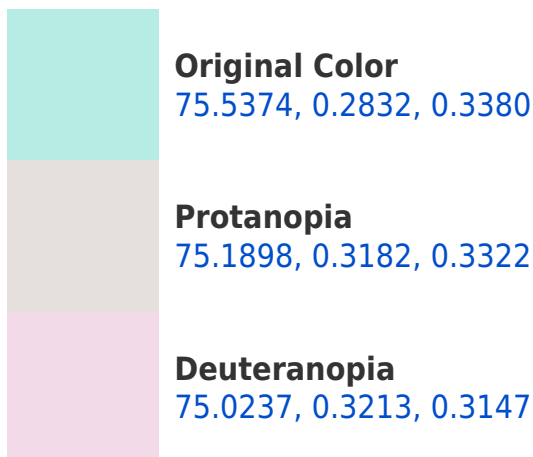


This preview shows how white text looks on a background with the Yxy color 75.5374, 0.2832, 0.3380.

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

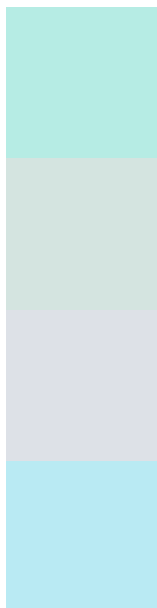




Tritanopia

75.8077, 0.2734, 0.3091

Trichromacy



Original Color

75.5374, 0.2832, 0.3380

Protanomaly

74.8657, 0.3043, 0.3334

Deuteranomaly

74.9921, 0.3061, 0.3226

Tritanomaly

75.6310, 0.2766, 0.3189

Monochromacy



Original Color

75.5374, 0.2832, 0.3380

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.2462, 0.3016, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5374, 0.2832, 0.3380 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(182, 236, 228)` looks like.

```
.text, #text, p{  
    color:rgb(182, 236, 228)  
}
```

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(182, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 236, 228) }
```

Border

The CSS property to change the border of an element to Yxy 75.5374, 0.2832, 0.3380 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(182, 236, 228) }
```

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

```
.border{ border-color:rgb(182, 236, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 236, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 236, 228);  
box-shadow:4px 4px 4px 4px rgb(182, 236,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5374, 0.2832, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 236, 228) }
```

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

```
.background{ background-color: rgb(182,  
236, 228) }
```

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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