

Converting Colors

$Yxy(75.2857, 0.2738, 0.3314)$

Have a look what the booklet for
Yxy(75.2857, 0.2738, 0.3314)
contains.

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Color

Yxy(75.3372, 0.2738, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	ACEDEB
RGB	172, 237, 235
RGB Percent	67%, 93%, 92%
CMY	0.3257, 0.0705, 0.0785
CMYK	0.27, 0.00, 0.01, 0.07
HSL	178°, 64%, 80%
HSV	178°, 27%, 93%
XYZ	62.2806, 75.3372, 89.8496
YIQ	217.3370, -38.0980, -14.4020

Conversions

Conversions Part 2

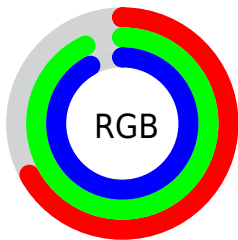
Format	Color
RYB	172, 205, 237
Decimal	11333099
CIELab	89.55, -20.68, -5.61
CIELCh	90, 21.422, 195.177
Yxy	75.3372, 0.2738, 0.3312
Android (android.graphics.Color)	4289523179 (0xFFACEDEB)
YUV	217.3370, 8.7079, -39.7605
Hunter-Lab	86.7970, -23.8134, -0.6173

Details

The Yxy color **75.3372, 0.2738, 0.3312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.5421, 0.3707, 0.3269**, and the grayscale version is **69.5823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **40.0843, 0.2649, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **72.8521, 0.2618, 0.3321**, and if you desaturate by 10%, it is **78.3068, 0.2871, 0.3303**.

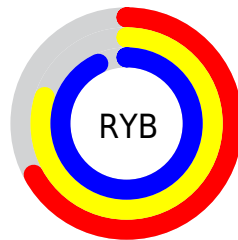
Distribution



Red (67%)

Green (93%)

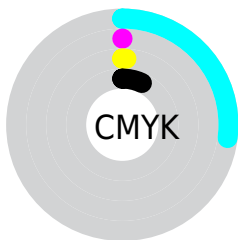
Blue (92%)



Red (67%)

Yellow (80%)

Blue (93%)

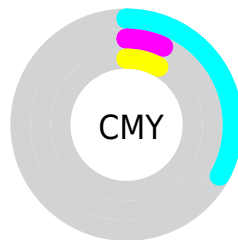


Cyan (27%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (33%)


Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3372, 0.2738, 0.3312 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 75.3372, 0.2738, 0.3312 by changing the saturation by 10% instead.


 75.3372, 0.2738,
0.3312

 75.3372, 0.2738,
0.3312


479.0758, 0.2915,
0.3304

 55.8892, 0.2698,
0.3313


 126.7896, 0.2799,
0.3310

 40.1141, 0.2649,
0.3314


159.5627, 0.2823,
0.3309

 27.6275, 0.2588,
0.3315


197.5463, 0.2843,
0.3308

 18.0451, 0.2509,
0.3316

241.1249, 0.2861,
0.3307

 10.9823, 0.2403,
0.3315

290.6827, 0.2877,
0.3306

 6.0550, 0.2254,
0.3311

346.6042, 0.2891,

 2.8785, 0.2030,

0.3306

409.2737, 0.2904,
0.3305

0.3299

1.0686, 0.1546,
0.3303

0.0000, 0.0000,
0.0000

75.3372, 0.2738,
0.3312

75.3372, 0.2738,
0.3312

72.8521, 0.2618,
0.3321

78.3068, 0.2871,
0.3303

70.8168, 0.2515,
0.3331

81.7752, 0.3015,
0.3295

69.2067, 0.2429,
0.3341

85.7675, 0.3166,
0.3288

67.9909, 0.2362,
0.3351

88.0091, 0.3242,
0.3281

67.1345, 0.2315,
0.3361

88.0525, 0.3237,
0.3274

66.5962, 0.2287,
0.3371

88.0962, 0.3233,
0.3267

66.3217, 0.2275,
0.3381

88.1400, 0.3228,
0.3260

66.2723, 0.2273,
0.3384

88.1839, 0.3223,
0.3252

88.2281, 0.3219,
0.3245

Harmonies

Analogous

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



75.3372, 0.2931, 0.3546



75.3372, 0.2738, 0.3312



75.3372, 0.2648, 0.3083

Triad

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



75.3372, 0.2738, 0.3312



75.3372, 0.3056, 0.2914



75.3372, 0.3592, 0.3646

Complementary

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



75.3372, 0.2738, 0.3312



50.5421, 0.3707, 0.3269

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.



75.3372, 0.3632, 0.3464



75.3372, 0.2738, 0.3312



75.3372, 0.3315, 0.3052

Square

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



75.3372, 0.2738, 0.3312



75.3372, 0.2826, 0.2866



75.3372, 0.3529, 0.3250



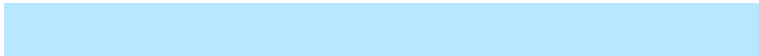
75.3372, 0.3425, 0.3740

Rectangle

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



75.3372, 0.2738, 0.3312



75.3372, 0.2655, 0.2966



75.3372, 0.3529, 0.3250



75.3372, 0.3621, 0.3592

Sweetspot

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



75.3402, 0.2738, 0.3312



96.2933, 0.3006, 0.3296



72.5659, 0.3104, 0.4080



20.4711, 0.2984, 0.3297



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.



75.3402, 0.2738, 0.3312



87.2135, 0.2668, 0.3317



59.3329, 0.2691, 0.2929



17.1133, 0.2985, 0.3297



36.1795, 0.2273, 0.3382



2.8435, 0.2269, 0.3368

Inverse Universe

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



50.5421, 0.3707, 0.3269



53.3645, 0.3876, 0.3265



63.3690, 0.3636, 0.3625



15.0616, 0.3288, 0.3283



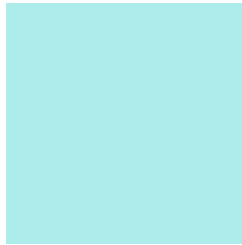
9.8422, 0.6367, 0.3281



0.7755, 0.6276, 0.3231

Previews

White Background



This preview shows how the Yxy color 75.3372, 0.2738, 0.3312 looks on a white background.

Color Contrast Check

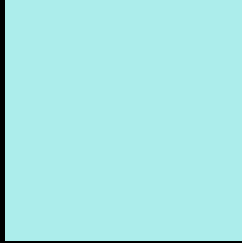
Large Text (above 18pt) WCAG AA × Fail

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 75.3372, 0.2738, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

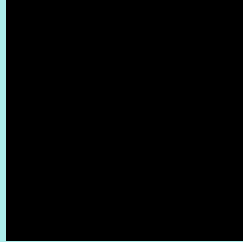
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

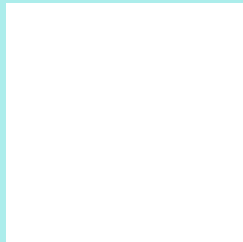
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3372, 0.2738, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 75.3372, 0.2738, 0.3312.

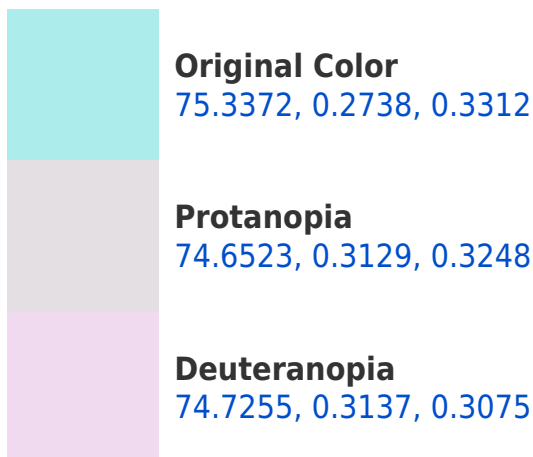


This preview shows how white text looks on a background with the Yxy color 75.3372, 0.2738, 0.3312.

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

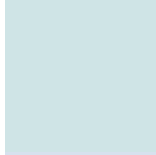
75.1676, 0.2664, 0.3078

Trichromacy



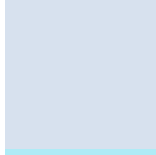
Original Color

75.3372, 0.2738, 0.3312



Protanomaly

74.4654, 0.2973, 0.3268



Deuteranomaly

74.4705, 0.2977, 0.3150



Tritanomaly

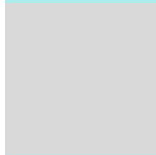
75.1844, 0.2695, 0.3165

Monochromacy



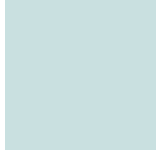
Original Color

75.3372, 0.2738, 0.3312



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.1106, 0.2970, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3372, 0.2738, 0.3312 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(172, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(172, 237, 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(172, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 237, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.3372, 0.2738, 0.3312 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(172, 237, 235) }
```

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

```
.border{ border-color:rgb(172, 237, 235) }
```

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

Here you see how a box with a 4 pixel rgb(172, 237, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(172, 237,  
235) }
```


Background

The CSS property to change the background color of an element to `rgb(172, 237, 235)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 237, 235) }
```

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

```
.background{ background-color: rgb(172,  
237, 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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