

Converting Colors

$Yxy(74.6546, 0.2735, 0.3289)$

Have a look what the booklet for
Yxy(74.6546, 0.2735, 0.3289)
contains.

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Color

Yxy(74.8177, 0.2732, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	ACECEC
RGB	172, 236, 236
RGB Percent	67%, 93%, 93%
CMY	0.3255, 0.0745, 0.0745
CMYK	0.27, 0.00, 0.00, 0.07
HSL	180°, 63%, 80%
HSV	180°, 27%, 93%
XYZ	62.1471, 74.8177, 90.5137
YIQ	216.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

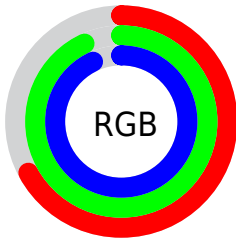
Format	Color
R _{YB}	172, 204, 236
Decimal	11332844
CIE _{Lab}	89.31, -19.94, -6.49
CIE _{LCh}	89, 20.967, 198.028
Y _{xy}	74.8177, 0.2732, 0.3289
Android (android.graphics.Color)	4289522924 (0xFFACECEC)
YUV	216.8640, 9.4340, -39.3457
Hunter-Lab	86.4972, -23.1202, -1.4951

Details

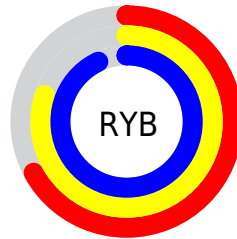
The Yxy color **74.8177, 0.2732, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.3181, 0.3715, 0.3292**, and the grayscale version is **69.2449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **39.7197, 0.2641, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **72.3829, 0.2609, 0.3289**, and if you desaturate by 10%, it is **77.7327, 0.2869, 0.3289**.

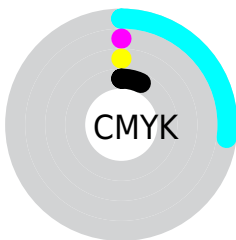
Distribution



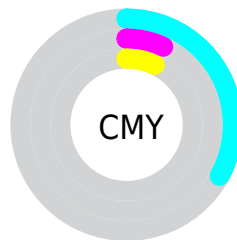
- Red (67%)
- Green (93%)
- Blue (93%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)




- Cyan (33%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8177, 0.2732, 0.3289 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 74.8177, 0.2732, 0.3289 by changing the saturation by 10% instead.

 74.8177, 0.2732,
0.3289

 74.8177, 0.2732,
0.3289


477.2907, 0.2912,
0.3292

 55.4636, 0.2692,
0.3288

 126.0543, 0.2794,
0.3291

 39.7730, 0.2642,
0.3286


158.7055, 0.2818,
0.3291

 27.3616, 0.2580,
0.3283


196.5579, 0.2839,
0.3291

 17.8450, 0.2499,
0.3278

239.9958, 0.2857,
0.3292

 10.8387, 0.2392,
0.3270

289.4036, 0.2873,
0.3292

 5.9585, 0.2240,
0.3256

345.1658, 0.2888,

 2.8199, 0.2013,

0.3292

407.6667, 0.2901,
0.3292

0.3227

1.0384, 0.1518,
0.3200

0.0000, 0.0000,
0.0000

74.8177, 0.2732,
0.3289

74.8177, 0.2732,
0.3289

72.3829, 0.2609,
0.3289

77.7327, 0.2869,
0.3289

70.3942, 0.2502,
0.3289


81.1421, 0.3017,
0.3290


68.8272, 0.2414,
0.3288


85.0706, 0.3173,
0.3290


67.6514, 0.2345,
0.3288


87.3115, 0.3255,
0.3290


 66.8325, 0.2295,
0.3288

 87.3118, 0.3255,
0.3290


 66.3300, 0.2264,
0.3288


 87.3122, 0.3255,
0.3290

 66.0915, 0.2250,
0.3288

 87.3126, 0.3255,
0.3290

 66.0475, 0.2247,
0.3288

 87.3129, 0.3255,
0.3290

 87.3133, 0.3255,
0.3290

Harmonies

Analogous

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



74.8177, 0.2913, 0.3521



74.8177, 0.2732, 0.3289



74.8177, 0.2654, 0.3068

Triad

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



74.8177, 0.2732, 0.3289



74.8177, 0.3082, 0.2930



74.8177, 0.3572, 0.3652

Complementary

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



74.8177, 0.2732, 0.3289



50.3181, 0.3715, 0.3292

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.



74.8177, 0.3624, 0.3481



74.8177, 0.2732, 0.3289



74.8177, 0.3335, 0.3073

Square

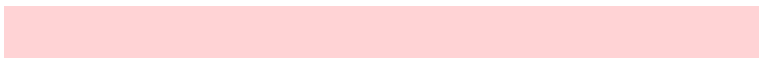
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8177, 0.2732, 0.3289



74.8177, 0.2850, 0.2873



74.8177, 0.3537, 0.3271



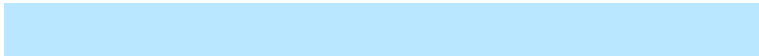
74.8177, 0.3399, 0.3734

Rectangle

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



74.8177, 0.2732, 0.3289



74.8177, 0.2669, 0.2959



74.8177, 0.3537, 0.3271



74.8177, 0.3605, 0.3603

Sweetspot

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



74.8207, 0.2732, 0.3289



96.3338, 0.3003, 0.3290



71.8649, 0.3097, 0.4070



20.4814, 0.2980, 0.3290



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.



74.8207, 0.2732, 0.3289



87.3797, 0.2656, 0.3289



58.5232, 0.2696, 0.2921



17.1218, 0.2981, 0.3290



36.4044, 0.2247, 0.3288



2.8586, 0.2247, 0.3288

Inverse Universe

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



50.3181, 0.3715, 0.3292



53.2646, 0.3901, 0.3292



63.4943, 0.3626, 0.3632



15.0541, 0.3293, 0.3290



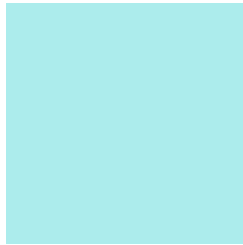
9.8299, 0.6400, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 74.8177, 0.2732, 0.3289 looks on a white background.

Color Contrast Check

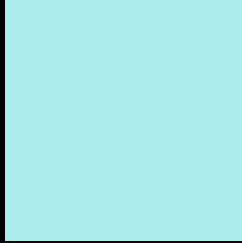
Large Text (above 18pt) WCAG AA × Fail

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 74.8177, 0.2732, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

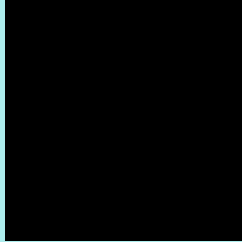
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8177, 0.2732, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 74.8177, 0.2732, 0.3289.

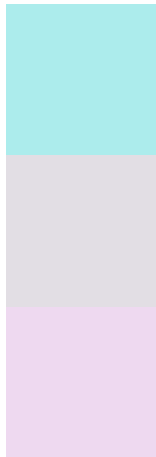


This preview shows how white text looks on a background with the Yxy color 74.8177, 0.2732, 0.3289.

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



Original Color

74.8177, 0.2732, 0.3289

Protanopia

74.0127, 0.3116, 0.3226

Deuteranopia

74.0941, 0.3124, 0.3054



Tritanopia

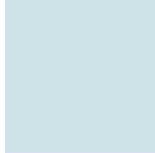
75.1040, 0.2669, 0.3088

Trichromacy



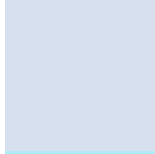
Original Color

74.8177, 0.2732, 0.3289



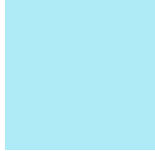
Protanomaly

73.8295, 0.2961, 0.3246



Deuteranomaly

73.8394, 0.2964, 0.3128



Tritanomaly

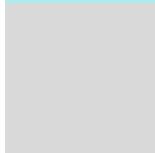
75.1844, 0.2695, 0.3165

Monochromacy



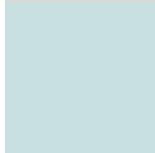
Original Color

74.8177, 0.2732, 0.3289



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 74.8177, 0.2732, 0.3289 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, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 236)  
}
```

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, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.8177, 0.2732, 0.3289 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, 236, 236) }
```

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

```
.border{ border-color:rgb(172, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8177, 0.2732, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 236) }
```

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

```
.background{ background-color: rgb(172,  
236, 236) }
```

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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