

Converting Colors

$Yxy(75.2498, 0.2754, 0.3290)$

Have a look what the booklet for
Yxy(75.2498, 0.2754, 0.3290)
contains.

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Color

Yxy(75.2771, 0.2754, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B0ECEC
RGB	176, 236, 236
RGB Percent	69%, 93%, 93%
CMY	0.3100, 0.0745, 0.0745
CMYK	0.25, 0.00, 0.00, 0.07
HSL	180°, 61%, 81%
HSV	180°, 25%, 93%
XYZ	63.0323, 75.2771, 90.5660
YIQ	218.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

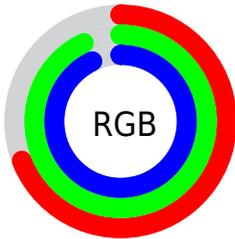
Format	Color
R _Y B	176, 206, 236
Decimal	11594988
CIE Lab	89.52, -18.81, -6.15
CIE LCh	90, 19.795, 198.113
Yxy	75.2771, 0.2754, 0.3289
Android (android.graphics.Color)	4289785068 (0xFFB0ECEC)
YUV	218.0600, 8.8444, -36.8866
Hunter-Lab	86.7624, -22.1551, -1.1556

Details

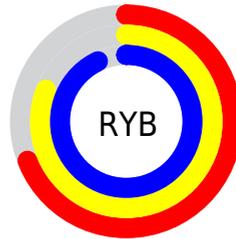
The Yxy color **75.2771, 0.2754, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.0012, 0.3668, 0.3291**, and the grayscale version is **70.1065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **40.0754, 0.2674, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **72.7646, 0.2628, 0.3289**, and if you desaturate by 10%, it is **78.2739, 0.2893, 0.3289**.

Distribution



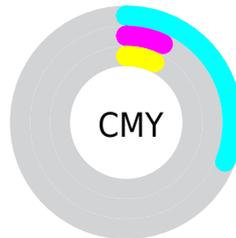
- Red (69%)
- Green (93%)
- Blue (93%)



- Red (69%)
- Yellow (81%)
- Blue (93%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2771, 0.2754, 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 75.2771, 0.2754, 0.3289 by changing the saturation by 10% instead.

 75.2771, 0.2754,
0.3289

 75.2771, 0.2754,
0.3289

478.8695, 0.2924,
0.3292

 55.8399, 0.2716,
0.3288

 126.7045, 0.2812,
0.3290

 40.0746, 0.2669,
0.3286

159.4636, 0.2835,
0.3291

 27.5967, 0.2610,
0.3283

197.4321, 0.2855,
0.3291

 18.0219, 0.2534,
0.3279

240.9943, 0.2872,
0.3291

 10.9657, 0.2433,
0.3272

290.5348, 0.2888,
0.3292

 6.0438, 0.2290,
0.3259

346.4379, 0.2901,

 2.8717, 0.2074,

0.3292

409.0880, 0.2913,
0.3292

0.3234

1.0651, 0.1632,
0.3203

0.0000, 0.0000,
0.0000

75.2771, 0.2754,
0.3289

75.2771, 0.2754,
0.3289

72.7646, 0.2628,
0.3289

78.2739, 0.2893,
0.3289

70.7026, 0.2519,
0.3288

81.7688, 0.3042,
0.3290

69.0670, 0.2427,
0.3288

85.7864, 0.3199,
0.3290

67.8281, 0.2355,
0.3288

87.3164, 0.3255,
0.3290

 66.9521, 0.2302,
0.3288

 87.3166, 0.3255,
0.3290

 66.3999, 0.2268,
0.3288

 87.3169, 0.3255,
0.3290

 66.1231, 0.2251,
0.3288

 87.3171, 0.3255,
0.3290

 66.0535, 0.2247,
0.3288

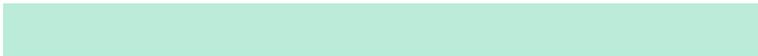
 87.3174, 0.3255,
0.3290

 87.3176, 0.3255,
0.3290

Harmonies

Analogous

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



75.2771, 0.2925, 0.3507



75.2771, 0.2754, 0.3289



75.2771, 0.2681, 0.3081

Triad

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



75.2771, 0.2754, 0.3289



75.2771, 0.3086, 0.2950



75.2771, 0.3546, 0.3632

Complementary

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



75.2771, 0.2754, 0.3289



52.0012, 0.3668, 0.3291

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.



75.2771, 0.3595, 0.3471



75.2771, 0.2754, 0.3289



75.2771, 0.3324, 0.3086

Square

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



75.2771, 0.2754, 0.3289



75.2771, 0.2866, 0.2897



75.2771, 0.3513, 0.3273



75.2771, 0.3383, 0.3708

Rectangle

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



75.2771, 0.2754, 0.3289



75.2771, 0.2695, 0.2978



75.2771, 0.3513, 0.3273



75.2771, 0.3577, 0.3586

Sweetspot

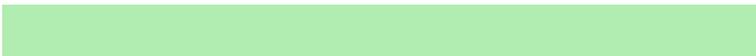
The Sweet Spot groups the original color and five complimentary colors.



75.2801, 0.2754, 0.3289



96.3339, 0.3003, 0.3290



72.4737, 0.3100, 0.4015



20.4815, 0.2980, 0.3290



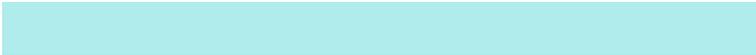
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



75.2801, 0.2754, 0.3289



87.9634, 0.2681, 0.3289



59.9002, 0.2723, 0.2947



17.1219, 0.2981, 0.3290



36.4050, 0.2247, 0.3288



2.8587, 0.2247, 0.3288

Inverse Universe

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



52.0012, 0.3668, 0.3291



55.4242, 0.3836, 0.3292



64.6226, 0.3589, 0.3610



15.0541, 0.3293, 0.3290



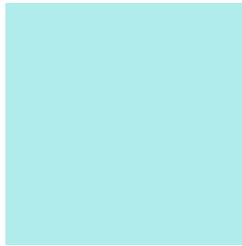
9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 75.2771, 0.2754, 0.3289 looks on a white background.

Color Contrast Check

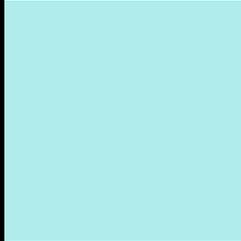
Large Text (above 18pt) WCAG AA × Fail

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 75.2771, 0.2754, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

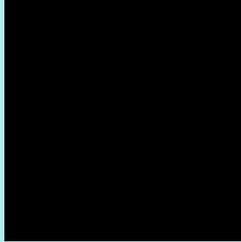
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2771, 0.2754, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 75.2771, 0.2754, 0.3289.



This preview shows how white text looks on a background with the Yxy color 75.2771, 0.2754, 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





Tritanopia

75.4576, 0.2685, 0.3089

Trichromacy



Original Color

75.2771, 0.2754, 0.3289

Protanomaly

74.6662, 0.2974, 0.3257

Deuteranomaly

74.6814, 0.2978, 0.3140

Tritanomaly

75.5355, 0.2712, 0.3166

Monochromacy



Original Color

75.2771, 0.2754, 0.3289

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.9832, 0.2977, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2771, 0.2754, 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(176, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 236, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.2771, 0.2754, 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(176, 236, 236) }
```

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

```
.border{ border-color:rgb(176, 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(176, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(176, 236,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2771, 0.2754, 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(176, 236, 236) }
```

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

```
.background{ background-color: rgb(176,  
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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