

Converting Colors

$Y_{xy}(75.3650, 0.2711, 0.3285)$

Have a look what the booklet for
Yxy(75.3650, 0.2711, 0.3285)
contains.

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Color

Yxy(75.1764, 0.2706, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	A9EDEE
RGB	169, 237, 238
RGB Percent	66%, 93%, 93%
CMY	0.3374, 0.0706, 0.0665
CMYK	0.29, 0.00, 0.00, 0.07
HSL	181°, 67%, 80%
HSV	181°, 29%, 93%
XYZ	62.0773, 75.1764, 92.1525
YIQ	216.7820, -40.8490, -14.1050

Conversions

Conversions Part 2

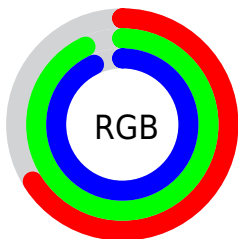
Format	Color
R _Y B	169, 203, 238
Decimal	11136494
CIE Lab	89.48, -20.82, -7.33
CIE LCh	89, 22.076, 199.385
Yxy	75.1764, 0.2706, 0.3277
Android (android.graphics.Color)	4289326574 (0xFFA9EDEE)
YUV	216.7820, 10.4605, -41.9048
Hunter-Lab	86.7043, -23.9327, -2.3225

Details

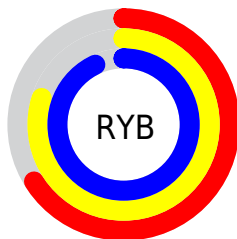
The Yxy color **75.1764, 0.2706, 0.3277** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **49.7941, 0.3768, 0.3303**, and the grayscale version is **69.1775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **40.0026, 0.2611, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **72.5780, 0.2585, 0.3272**, and if you desaturate by 10%, it is **78.2604, 0.2841, 0.3282**.

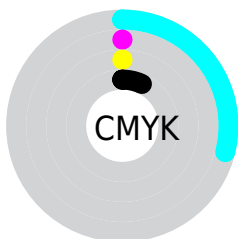
Distribution



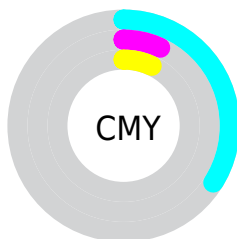
- Red (66%)
- Green (93%)
- Blue (93%)



- Red (66%)
- Yellow (80%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (34%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1764, 0.2706, 0.3277 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 75.1764, 0.2706, 0.3277 by changing the saturation by 10% instead.

 75.1764, 0.2706,
0.3277

 75.1764, 0.2706,
0.3277


478.5237, 0.2897,
0.3286

 55.7574, 0.2663,
0.3274


 126.5620, 0.2772,
0.3281

 40.0085, 0.2611,
0.3270

159.2975, 0.2797,
0.3282

 27.5451, 0.2545,
0.3265


197.2405, 0.2820,
0.3283

 17.9831, 0.2460,
0.3257

240.7756, 0.2839,
0.3284

 10.9378, 0.2346,
0.3245

290.2870, 0.2856,
0.3285

 6.0250, 0.2188,
0.3224


346.1592, 0.2872,


 2.8603, 0.1950,

0.3285

0.3183


408.7767, 0.2885,
0.3286


 1.0592, 0.1446,
0.3134


 0.0000, 0.0000,
0.0000


 75.1764, 0.2706,
0.3277

 75.1764, 0.2706,
0.3277


 72.5780, 0.2585,
0.3272


 78.2604, 0.2841,
0.3282


 70.4301, 0.2480,
0.3267


 81.8451, 0.2988,
0.3286

 68.7074, 0.2393,
0.3262

 85.9558, 0.3143,
0.3290

 67.3779, 0.2326,
0.3257


 88.8304, 0.3240,
0.3294


 66.4056, 0.2278,
0.3252


 89.0371, 0.3240,
0.3298

 65.7477, 0.2249,
0.3247

 89.2441, 0.3240,
0.3301

 65.3390, 0.2235,
0.3242

 89.4516, 0.3239,
0.3304

 65.3040, 0.2234,
0.3242

 89.6594, 0.3239,
0.3308

 89.8677, 0.3239,
0.3311

Harmonies

Analogous

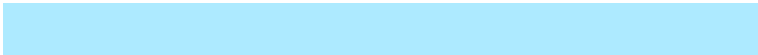
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1764, 0.2892, 0.3523



75.1764, 0.2706, 0.3277



75.1764, 0.2630, 0.3047

Triad

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



75.1764, 0.2706, 0.3277



75.1764, 0.3091, 0.2918



75.1764, 0.3589, 0.3677

Complementary

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



75.1764, 0.2706, 0.3277



49.7941, 0.3768, 0.3303

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.



75.1764, 0.3651, 0.3499



75.1764, 0.2706, 0.3277



75.1764, 0.3357, 0.3071

Square

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



75.1764, 0.2706, 0.3277



75.1764, 0.2845, 0.2853



75.1764, 0.3565, 0.3279



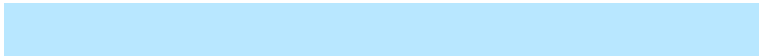
75.1764, 0.3402, 0.3758

Rectangle

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



75.1764, 0.2706, 0.3277



75.1764, 0.2650, 0.2936



75.1764, 0.3565, 0.3279



75.1764, 0.3626, 0.3625

Sweetspot

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



75.1794, 0.2706, 0.3277



95.6868, 0.2988, 0.3286



72.4638, 0.3087, 0.4136



20.3419, 0.2966, 0.3286



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.



75.1794, 0.2706, 0.3277



85.9768, 0.2630, 0.3274



57.5557, 0.2663, 0.2877



17.8863, 0.2981, 0.3286



36.4396, 0.2234, 0.3242



3.0443, 0.2236, 0.3249

Inverse Universe

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



52.6622, 0.3169, 0.2578



55.5765, 0.3178, 0.2431



63.9955, 0.3664, 0.3669



16.0271, 0.3140, 0.3061



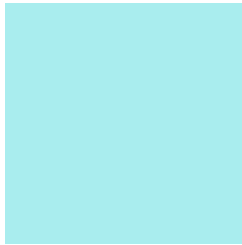
13.4720, 0.3247, 0.1562



1.1220, 0.3241, 0.1559

Previews

White Background



This preview shows how the Yxy color 75.1764, 0.2706, 0.3277 looks on a white background.

Color Contrast Check

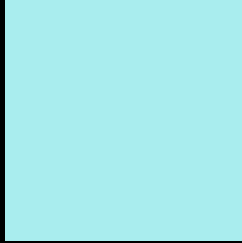
Large Text (above 18pt) WCAG AA × Fail

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 75.1764, 0.2706, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

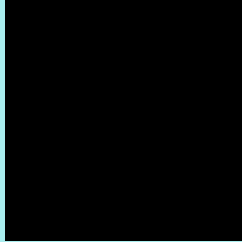
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1764, 0.2706, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 75.1764, 0.2706, 0.3277.

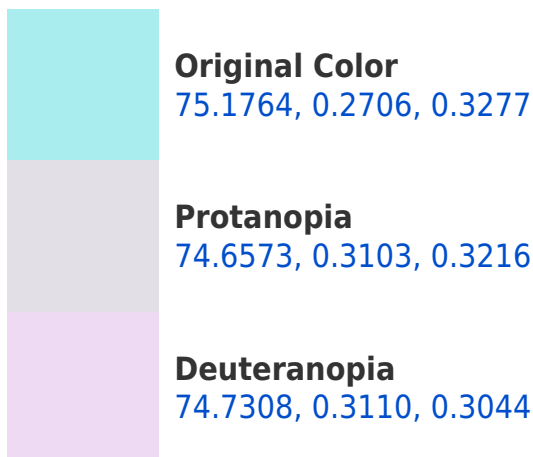


This preview shows how white text looks on a background with the Yxy color 75.1764, 0.2706, 0.3277.

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

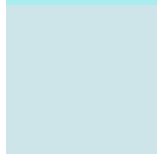
75.2792, 0.2644, 0.3088

Trichromacy



Original Color

75.1764, 0.2706, 0.3277



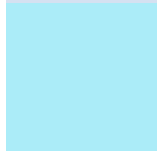
Protanomaly

74.3491, 0.2942, 0.3235



Deuteranomaly

74.3474, 0.2946, 0.3118



Tritanomaly

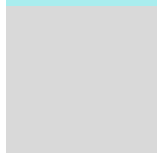
75.4261, 0.2665, 0.3154

Monochromacy



Original Color

75.1764, 0.2706, 0.3277



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.0269, 0.2957, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1764, 0.2706, 0.3277 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(169, 237, 238)` looks like.

```
.text, #text, p{  
    color:rgb(169, 237, 238)  
}
```

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(169, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 237, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.1764, 0.2706, 0.3277 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(169, 237, 238) }
```

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

```
.border{ border-color:rgb(169, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(169, 237,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1764, 0.2706, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 237, 238) }
```

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

```
.background{ background-color: rgb(169,  
237, 238) }
```

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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