

Converting Colors

$Yxy(77.2350, 0.2763, 0.3290)$

Have a look what the booklet for
Yxy(77.2350, 0.2763, 0.3290)
contains.

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Color

Yxy(76.9058, 0.2763, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B3EEEE
RGB	179, 238, 238
RGB Percent	70%, 93%, 93%
CMY	0.2978, 0.0667, 0.0667
CMYK	0.25, 0.00, 0.00, 0.07
HSL	180°, 63%, 82%
HSV	180°, 25%, 93%
XYZ	64.6065, 76.9058, 92.3150
YIQ	220.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

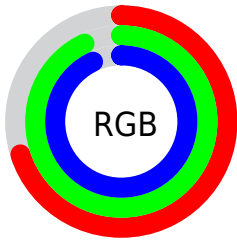
Format	Color
RYB	179, 209, 238
Decimal	11792110
CIELab	90.28, -18.47, -6.05
CIELCh	90, 19.438, 198.148
Yxy	76.9058, 0.2763, 0.3289
Android (android.graphics.Color)	4289982190 (0xFFB3EEEE)
YUV	220.3590, 8.6970, -36.2718
Hunter-Lab	87.6960, -21.9652, -1.0257

Details

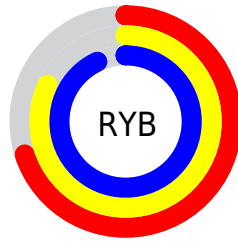
The Yxy color **76.9058, 0.2763, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.7006, 0.3649, 0.3291**, and the grayscale version is **71.8002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **41.1184, 0.2678, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **74.3121, 0.2636, 0.3289**, and if you desaturate by 10%, it is **79.9952, 0.2903, 0.3289**.

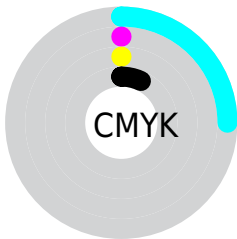
Distribution



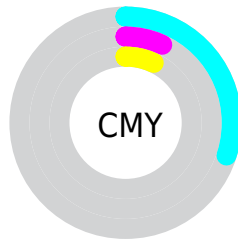
- Red (70%)
- Green (93%)
- Blue (93%)



- Red (70%)
- Yellow (82%)
- Blue (93%)



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




- Cyan (30%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9058, 0.2763, 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 76.9058, 0.2763, 0.3289 by changing the saturation by 10% instead.

 76.9058, 0.2763,
0.3289

 76.9058, 0.2763,
0.3289


484.4428, 0.2928,
0.3292

 57.1756, 0.2726,
0.3288


 129.0065, 0.2820,
0.3290

 41.1462, 0.2681,
0.3286


162.1458, 0.2842,
0.3291

 28.4333, 0.2624,
0.3284

200.5235, 0.2861,
0.3291

 18.6526, 0.2551,
0.3280

244.5240, 0.2878,
0.3291

 11.4195, 0.2453,
0.3273

294.5319, 0.2893,
0.3291

 6.3497, 0.2316,
0.3261

350.9313, 0.2906,

 3.0589, 0.2111,

0.3292

414.1068, 0.2918,
0.3292

0.3238

1.1626, 0.1734,
0.3196

0.0308, 0.0000,
0.0632

76.9058, 0.2763,
0.3289

76.9058, 0.2763,
0.3289

74.3121, 0.2636,
0.3289

79.9952, 0.2903,
0.3289

72.1796, 0.2526,
0.3288


83.5942, 0.3053,
0.3290

70.4841, 0.2433,
0.3288

87.7278, 0.3210,
0.3290

69.1953, 0.2359,
0.3288

88.5781, 0.3241,
0.3290

 68.2791, 0.2305,
0.3288


 88.5783, 0.3241,
0.3290


 67.6960, 0.2270,
0.3288


 88.5785, 0.3241,
0.3290

 67.3975, 0.2252,
0.3288

 88.5787, 0.3241,
0.3290

 67.3157, 0.2247,
0.3288

 88.5789, 0.3241,
0.3290

 88.5791, 0.3241,
0.3290

Harmonies

Analogous

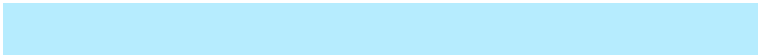
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9058, 0.2930, 0.3501



76.9058, 0.2763, 0.3289



76.9058, 0.2691, 0.3087

Triad

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



76.9058, 0.2763, 0.3289



76.9058, 0.3087, 0.2958



76.9058, 0.3536, 0.3624

Complementary

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



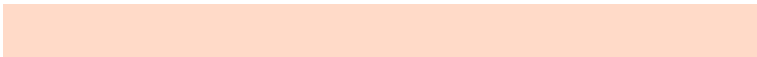
76.9058, 0.2763, 0.3289



53.7006, 0.3649, 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.



76.9058, 0.3583, 0.3467



76.9058, 0.2763, 0.3289



76.9058, 0.3319, 0.3091

Square

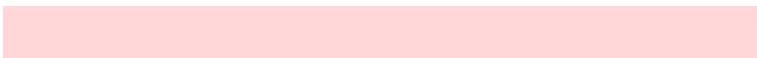
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9058, 0.2763, 0.3289



76.9058, 0.2873, 0.2906



76.9058, 0.3503, 0.3274



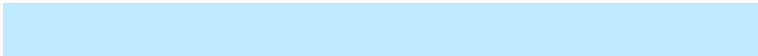
76.9058, 0.3376, 0.3697

Rectangle

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



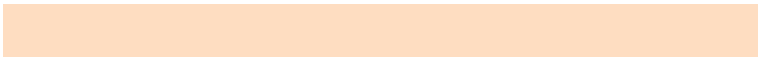
76.9058, 0.2763, 0.3289



76.9058, 0.2705, 0.2986



76.9058, 0.3503, 0.3274



76.9058, 0.3565, 0.3579

Sweetspot

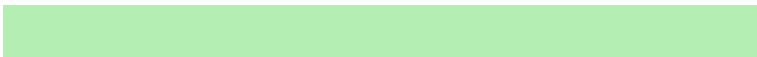
The Sweet Spot groups the original color and five complimentary colors.



76.9089, 0.2763, 0.3289



96.7702, 0.3018, 0.3290



74.1116, 0.3100, 0.3993



20.6563, 0.3009, 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.



76.9089, 0.2763, 0.3289



88.2635, 0.2693, 0.3289



61.6169, 0.2734, 0.2957



17.9290, 0.2981, 0.3290



37.5578, 0.2247, 0.3288



3.1245, 0.2247, 0.3288

Inverse Universe

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



53.7006, 0.3649, 0.3291



56.5351, 0.3805, 0.3292



66.3249, 0.3575, 0.3601



15.7589, 0.3293, 0.3290



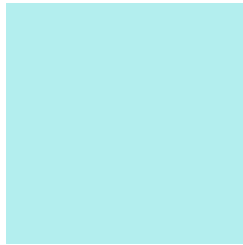
10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 76.9058, 0.2763, 0.3289 looks on a white background.

Color Contrast Check

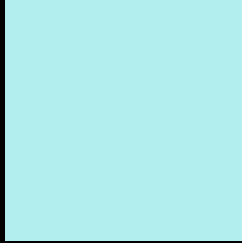
Large Text (above 18pt) WCAG AA × Fail

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 76.9058, 0.2763, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

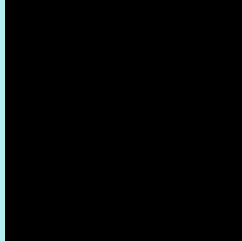
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9058, 0.2763, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 76.9058, 0.2763, 0.3289.

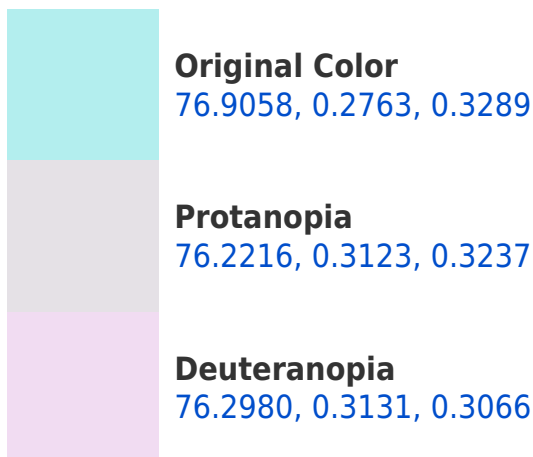


This preview shows how white text looks on a background with the Yxy color 76.9058, 0.2763, 0.3289.

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

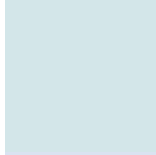
76.6397, 0.2698, 0.3081

Trichromacy



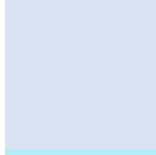
Original Color

76.9058, 0.2763, 0.3289



Protanomaly

76.3257, 0.2982, 0.3257



Deuteranomaly

76.1945, 0.2979, 0.3141



Tritanomaly

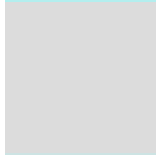
76.7133, 0.2725, 0.3156

Monochromacy



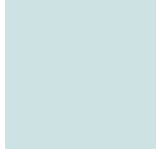
Original Color

76.9058, 0.2763, 0.3289



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.4634, 0.2978, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9058, 0.2763, 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(179, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(179, 238, 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(179, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 238, 238) }
```

Border

The CSS property to change the border of an element to Yxy 76.9058, 0.2763, 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(179, 238, 238) }
```

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

```
.border{ border-color:rgb(179, 238, 238) }
```

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

Here you see how a box with a 4 pixel rgb(179, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(179, 238,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9058, 0.2763, 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(179, 238, 238) }
```

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

```
.background{ background-color: rgb(179,  
238, 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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