

Converting Colors

$Yxy(78.4496, 0.2670, 0.3289)$

Have a look what the booklet for
Yxy(78.4496, 0.2670, 0.3289)
contains.

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Color

Yxy(78.5716, 0.2668, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A5F3F3
RGB	165, 243, 243
RGB Percent	65%, 95%, 95%
CMY	0.3531, 0.0470, 0.0471
CMYK	0.32, 0.00, 0.00, 0.05
HSL	180°, 77%, 80%
HSV	180°, 32%, 95%
XYZ	63.7364, 78.5716, 96.5841
YIQ	219.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

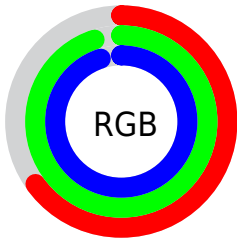
Format	Color
R _Y B	165, 204, 243
Decimal	10875891
CIE Lab	91.04, -23.74, -7.61
CIE LCh	91, 24.929, 197.786
Yxy	78.5716, 0.2668, 0.3289
Android (android.graphics.Color)	4289065971 (0xFFA5F3F3)
YUV	219.6780, 11.4977, -47.9526
Hunter-Lab	88.6406, -26.7719, -2.5548

Details

The Yxy color **78.5716, 0.2668, 0.3289** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.6702, 0.3869, 0.3292**, and the grayscale version is **71.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **42.3797, 0.2564, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **76.2119, 0.2553, 0.3289**, and if you desaturate by 10%, it is **81.4326, 0.2799, 0.3289**.

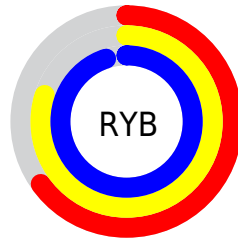
Distribution



Red (65%)

Green (95%)

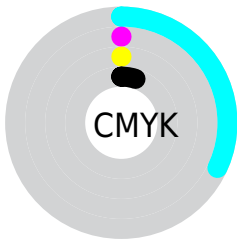
Blue (95%)



Red (65%)

Yellow (80%)

Blue (95%)

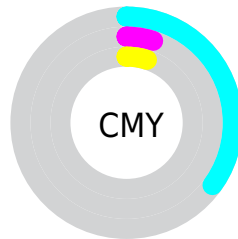


Cyan (32%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5716, 0.2668, 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 78.5716, 0.2668, 0.3289 by changing the saturation by 10% instead.

 78.5716, 0.2668,
0.3289


 78.5716, 0.2668,
0.3289


490.1059, 0.2875,
0.3293

 58.5436, 0.2622,
0.3287


 131.3556, 0.2739,
0.3291

 42.2459, 0.2566,
0.3285


 164.8804, 0.2766,
0.3292

 29.2939, 0.2496,
0.3281


203.6730, 0.2790,
0.3292

 19.3032, 0.2407,
0.3275

248.1177, 0.2812,
0.3292

 11.8896, 0.2288,
0.3265

298.5990, 0.2830,
0.3293

 6.6685, 0.2124,
0.3247

355.5011, 0.2847,

 3.2557, 0.1884,

0.3293

419.2087, 0.2861,
0.3293

0.3212

1.2666, 0.1448,
0.3151

0.1151, 0.0000,
0.1490

78.5716, 0.2668,
0.3289

78.5716, 0.2668,
0.3289

76.2119, 0.2553,
0.3289

81.4326, 0.2799,
0.3289

74.3159, 0.2455,
0.3289

84.8115, 0.2942,
0.3290

72.8559, 0.2376,
0.3289

88.7353, 0.3094,
0.3290

71.7972, 0.2317,
0.3289

91.8420, 0.3205,
0.3290

■ 71.0998, 0.2277,
0.3289

■ 91.8426, 0.3205,
0.3290

■ 70.7157, 0.2255,
0.3289

■ 91.8432, 0.3205,
0.3290

■ 70.5752, 0.2247,
0.3289

■ 91.8438, 0.3205,
0.3290

■ 91.8445, 0.3205,
0.3290

■ 91.8451, 0.3205,
0.3290

Harmonies

Analogous

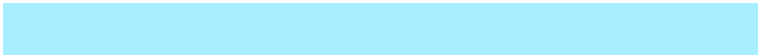
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5716, 0.2879, 0.3564



78.5716, 0.2668, 0.3289



78.5716, 0.2578, 0.3030

Triad

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



78.5716, 0.2668, 0.3289



78.5716, 0.3070, 0.2872



78.5716, 0.3649, 0.3710

Complementary

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



78.5716, 0.2668, 0.3289



48.6702, 0.3869, 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.



78.5716, 0.3710, 0.3507



78.5716, 0.2668, 0.3289



78.5716, 0.3367, 0.3036

Square

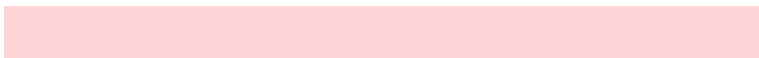
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5716, 0.2668, 0.3289



78.5716, 0.2801, 0.2806



78.5716, 0.3605, 0.3263



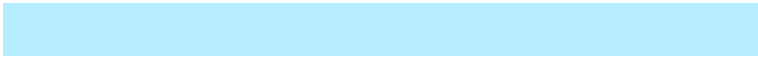
78.5716, 0.3445, 0.3810

Rectangle

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



78.5716, 0.2668, 0.3289



78.5716, 0.2594, 0.2904



78.5716, 0.3605, 0.3263



78.5716, 0.3687, 0.3651

Sweetspot

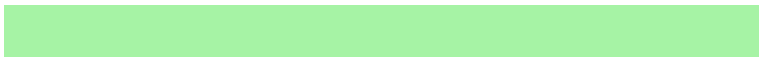
The Sweet Spot groups the original color and five complimentary colors.



78.5747, 0.2668, 0.3289



95.4797, 0.2973, 0.3290



74.9602, 0.3090, 0.4241



20.3113, 0.2952, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

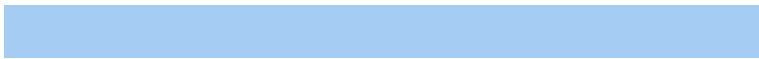
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5747, 0.2668, 0.3289



85.7604, 0.2586, 0.3289



58.2682, 0.2613, 0.2841



18.7577, 0.2981, 0.3290



38.7292, 0.2247, 0.3289



3.4040, 0.2247, 0.3289

Inverse Universe

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



48.6702, 0.3869, 0.3292



47.2727, 0.4111, 0.3292



64.3367, 0.3739, 0.3699



16.4826, 0.3294, 0.3290



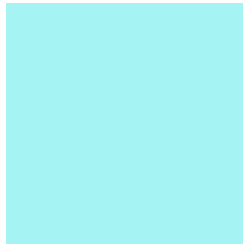
10.4581, 0.6400, 0.3299



0.9192, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 78.5716, 0.2668, 0.3289 looks on a white background.

Color Contrast Check

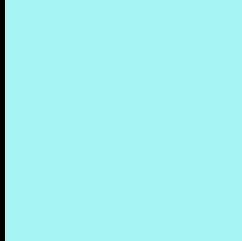
Large Text (above 18pt) WCAG AA × Fail

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 78.5716, 0.2668, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

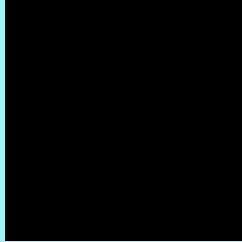
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.5716, 0.2668, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 78.5716, 0.2668, 0.3289.

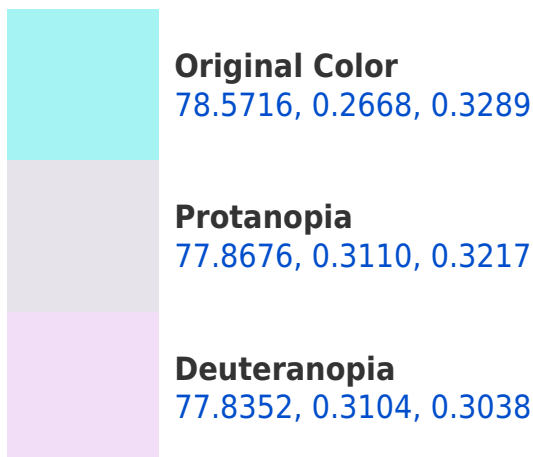


This preview shows how white text looks on a background with the Yxy color 78.5716, 0.2668, 0.3289.

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

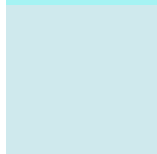
78.6563, 0.2682, 0.3114

Trichromacy



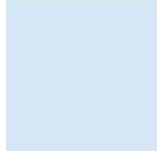
Original Color

78.5716, 0.2668, 0.3289



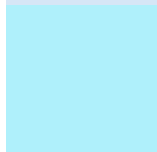
Protanomaly

77.6576, 0.2933, 0.3246



Deuteranomaly

77.5436, 0.2924, 0.3120



Tritanomaly

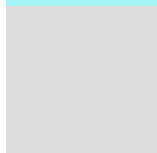
78.3992, 0.2676, 0.3167

Monochromacy



Original Color

78.5716, 0.2668, 0.3289



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.3676, 0.2940, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5716, 0.2668, 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(165, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 243, 243)  
}
```

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(165, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 243, 243) }
```

Border

The CSS property to change the border of an element to Yxy 78.5716, 0.2668, 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(165, 243, 243) }
```

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

```
.border{ border-color:rgb(165, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 243,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5716, 0.2668, 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(165, 243, 243) }
```

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

```
.background{ background-color: rgb(165,  
243, 243) }
```

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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