

Converting Colors

$Yxy(78.1285, 0.2541, 0.3288)$

Have a look what the booklet for
Yxy(78.1285, 0.2541, 0.3288)
contains.

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Color

Yxy(78.1408, 0.2542, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8CF6F6
RGB	140, 246, 246
RGB Percent	55%, 96%, 96%
CMY	0.4508, 0.0353, 0.0352
CMYK	0.43, 0.00, 0.00, 0.04
HSL	180°, 86%, 76%
HSV	180°, 43%, 96%
XYZ	60.4118, 78.1408, 99.1019
YIQ	214.3060, -63.1760, -22.4720

Conversions

Conversions Part 2

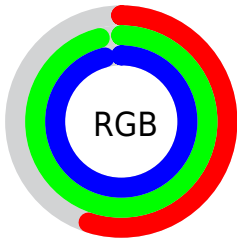
Format	Color
RYB	140, 193, 246
Decimal	9238262
CIELab	90.84, -30.64, -9.61
CIELCh	91, 32.109, 197.412
Yxy	78.1408, 0.2542, 0.3288
Android (android.graphics.Color)	4287428342 (0xFF8CF6F6)
YUV	214.3060, 15.6251, -65.1664
Hunter-Lab	88.3973, -32.7062, -4.5917

Details

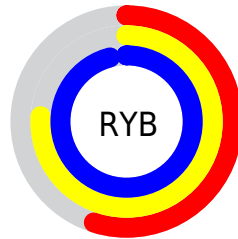
The Yxy color **78.1408, 0.2542, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.2643, 0.4265, 0.3294**, and the grayscale version is **67.3944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **41.8184, 0.2410, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **76.2365, 0.2446, 0.3288**, and if you desaturate by 10%, it is **80.5290, 0.2656, 0.3288**.

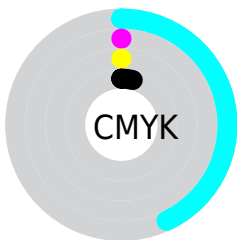
Distribution



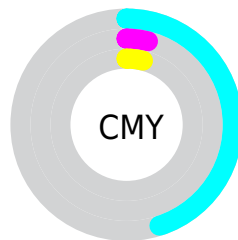
- Red (55%)
- Green (96%)
- Blue (96%)



- Red (55%)
- Yellow (76%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (45%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1408, 0.2542, 0.3288 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 78.1408, 0.2542, 0.3288 by changing the saturation by 10% instead.


 78.1408, 0.2542,
0.3288


 78.1408, 0.2542,
0.3288


488.6449, 0.2804,
0.3295

 58.1896, 0.2484,
0.3285

 130.7486, 0.2631,
0.3291

 41.9611, 0.2414,
0.3281


 164.1740, 0.2667,
0.3292

 29.0709, 0.2326,
0.3275


202.8597, 0.2697,
0.3293

 19.1344, 0.2215,
0.3265

247.1899, 0.2724,
0.3294

 11.7675, 0.2068,
0.3249

297.5491, 0.2748,
0.3294

 6.5855, 0.1868,
0.3220

354.3218, 0.2769,

 3.2043, 0.1581,

0.3294

417.8922, 0.2787,
0.3295

0.3163

1.2393, 0.0981,
0.3091

0.0934, 0.0000,
0.1078

78.1408, 0.2542,
0.3288

78.1408, 0.2542,
0.3288

76.2365, 0.2446,
0.3288

80.5290, 0.2656,
0.3288

74.7747, 0.2369,
0.3287


83.4210, 0.2785,
0.3289

73.7222, 0.2312,
0.3287

86.8470, 0.2927,
0.3289


73.0373, 0.2274,
0.3287


90.8318, 0.3079,
0.3290

 72.6691, 0.2253,
0.3287


 93.8407, 0.3185,
0.3290

 72.5476, 0.2246,
0.3287

 93.8438, 0.3185,
0.3290

 93.8469, 0.3185,
0.3290

 93.8500, 0.3185,
0.3290

 93.8531, 0.3185,
0.3290

Harmonies

Analogous

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



78.1408, 0.2809, 0.3651



78.1408, 0.2542, 0.3288



78.1408, 0.2428, 0.2953

Triad

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



78.1408, 0.2542, 0.3288



78.1408, 0.3046, 0.2758



78.1408, 0.3800, 0.3821

Complementary

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



78.1408, 0.2542, 0.3288



40.2643, 0.4265, 0.3294

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.



78.1408, 0.3881, 0.3555



78.1408, 0.2542, 0.3288



78.1408, 0.3430, 0.2962

Square

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



78.1408, 0.2542, 0.3288



78.1408, 0.2705, 0.2675



78.1408, 0.3743, 0.3246



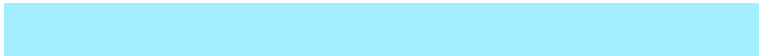
78.1408, 0.3536, 0.3963

Rectangle

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



78.1408, 0.2542, 0.3288



78.1408, 0.2447, 0.2793



78.1408, 0.3743, 0.3246



78.1408, 0.3851, 0.3742

Sweetspot

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



78.1439, 0.2542, 0.3288



94.2415, 0.2928, 0.3289



73.3967, 0.3064, 0.4635



19.9845, 0.2896, 0.3289



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

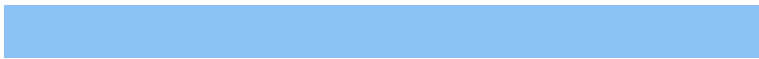
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1439, 0.2542, 0.3288



82.8893, 0.2455, 0.3288



50.3861, 0.2431, 0.2633



18.7572, 0.2981, 0.3290



38.7163, 0.2246, 0.3287



3.4030, 0.2246, 0.3287

Inverse Universe

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



45.0170, 0.3177, 0.2234



42.4957, 0.3186, 0.2042



59.6434, 0.4000, 0.3859



16.7683, 0.3138, 0.3057



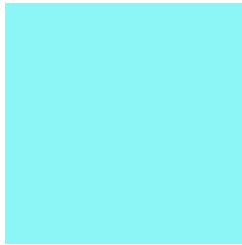
14.0078, 0.3210, 0.1542



1.2312, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 78.1408, 0.2542, 0.3288 looks on a white background.

Color Contrast Check

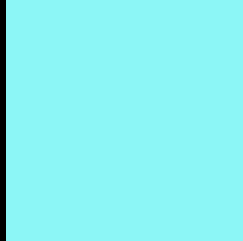
Large Text (above 18pt) WCAG AA × Fail

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 78.1408, 0.2542, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

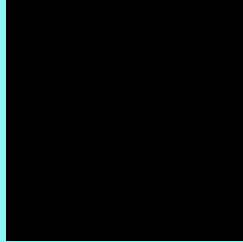
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1408, 0.2542, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 78.1408, 0.2542, 0.3288.

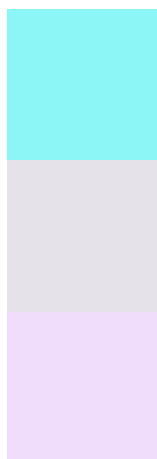


This preview shows how white text looks on a background with the Yxy color 78.1408, 0.2542, 0.3288.

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

78.1408, 0.2542, 0.3288

Protanopia

77.1562, 0.3103, 0.3206

Deuteranopia

77.0287, 0.3058, 0.2987



Tritanopia

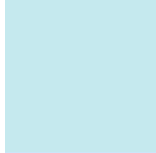
77.9752, 0.2626, 0.3122

Trichromacy



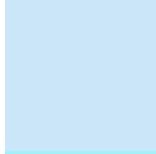
Original Color

78.1408, 0.2542, 0.3288



Protanomaly

76.3212, 0.2865, 0.3234



Deuteranomaly

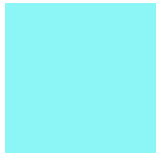
76.1297, 0.2838, 0.3085



Tritanomaly

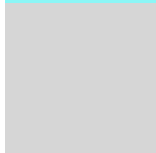
77.8016, 0.2589, 0.3176

Monochromacy



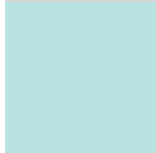
Original Color

78.1408, 0.2542, 0.3288



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

70.4485, 0.2868, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1408, 0.2542, 0.3288 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(140, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(140, 246, 246)  
}
```

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(140, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 246, 246) }
```

Border

The CSS property to change the border of an element to Yxy 78.1408, 0.2542, 0.3288 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(140, 246, 246) }
```

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

```
.border{ border-color:rgb(140, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(140, 246,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1408, 0.2542, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 246, 246) }
```

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

```
.background{ background-color: rgb(140,  
246, 246) }
```

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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