

Converting Colors

$Yxy(78.0289, 0.2624, 0.3256)$

Have a look what the booklet for
Yxy(78.0289, 0.2624, 0.3256)
contains.

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Color

Yxy(78.1259, 0.2624, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	9FF3F6
RGB	159, 243, 246
RGB Percent	62%, 95%, 96%
CMY	0.3761, 0.0471, 0.0352
CMYK	0.35, 0.01, 0.00, 0.04
HSL	182°, 83%, 79%
HSV	182°, 35%, 96%
XYZ	63.0001, 78.1259, 98.9659
YIQ	218.2260, -51.0270, -16.8750

Conversions

Conversions Part 2

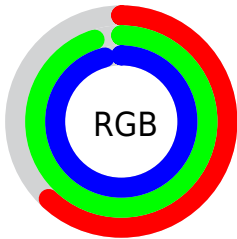
Format	Color
R_{YB}	159, 202, 246
Decimal	10482678
CIE _{Lab}	90.84, -24.55, -9.53
CIE _{LCh}	91, 26.340, 201.215
Yxy	78.1259, 0.2624, 0.3254
Android (android.graphics.Color)	4288672758 (0xFF9FF3F6)
YUV	218.2260, 13.6926, -51.9412
Hunter-Lab	88.3889, -27.4527, -4.5127

Details

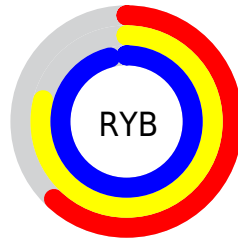
The Yxy color **78.1259, 0.2624, 0.3254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.9933, 0.3965, 0.3326**, and the grayscale version is **70.2220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **42.1419, 0.2514, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **75.3437, 0.2511, 0.3243**, and if you desaturate by 10%, it is **81.4173, 0.2753, 0.3265**.

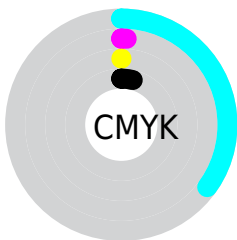
Distribution



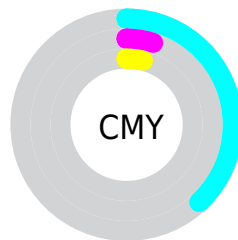
- Red (62%)
- Green (95%)
- Blue (96%)



- Red (62%)
- Yellow (79%)
- Blue (96%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (38%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1259, 0.2624, 0.3254 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 78.1259, 0.2624, 0.3254 by changing the saturation by 10% instead.


 78.1259, 0.2624,
0.3254


 78.1259, 0.2624,
0.3254


488.5943, 0.2850,
0.3275

 58.1774, 0.2574,
0.3248

 130.7276, 0.2701,
0.3262

 41.9513, 0.2513,
0.3241


 164.1496, 0.2732,
0.3265

 29.0632, 0.2437,
0.3230

202.8315, 0.2758,
0.3267

 19.1286, 0.2340,
0.3216

247.1578, 0.2781,
0.3269

 11.7632, 0.2211,
0.3194

297.5128, 0.2801,
0.3271

 6.5827, 0.2035,
0.3159


354.2810, 0.2819,


 3.2025, 0.1777,


0.3273


0.3096

417.8467, 0.2836,
0.3274


 1.2384, 0.1305,
0.2988


 0.0927, 0.0000,
0.1078


 78.1259, 0.2624,
0.3254


 78.1259, 0.2624,
0.3254


 75.3437, 0.2511,
0.3243

 81.4173, 0.2753,
0.3265


 73.0316, 0.2415,
0.3231

 85.2361, 0.2894,
0.3275

 71.1597, 0.2338,
0.3219

 89.6107, 0.3044,
0.3285

 69.6907, 0.2281,
0.3207

 94.0858, 0.3185,
0.3294

■ 68.5812, 0.2243,
0.3195

■ 94.6113, 0.3184,
0.3302

■ 67.7776, 0.2222,
0.3184

■ 95.1393, 0.3184,
0.3311

■ 67.4698, 0.2216,
0.3179

■ 95.6697, 0.3183,
0.3319

■ 96.2025, 0.3182,
0.3327

■ 96.7378, 0.3182,
0.3335

Harmonies

Analogous

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



78.1259, 0.2833, 0.3550



78.1259, 0.2624, 0.3254



78.1259, 0.2545, 0.2988

Triad

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



78.1259, 0.2624, 0.3254



78.1259, 0.3103, 0.2864



78.1259, 0.3661, 0.3752

Complementary

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



78.1259, 0.2624, 0.3254



47.9933, 0.3965, 0.3326

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.



78.1259, 0.3746, 0.3546



78.1259, 0.2624, 0.3254



78.1259, 0.3415, 0.3046

Square

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



78.1259, 0.2624, 0.3254



78.1259, 0.2811, 0.2781



78.1259, 0.3655, 0.3290



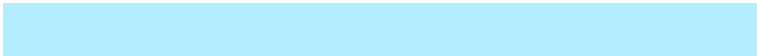
78.1259, 0.3431, 0.3844

Rectangle

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



78.1259, 0.2624, 0.3254



78.1259, 0.2574, 0.2863



78.1259, 0.3655, 0.3290



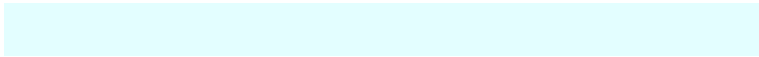
78.1259, 0.3708, 0.3693

Sweetspot

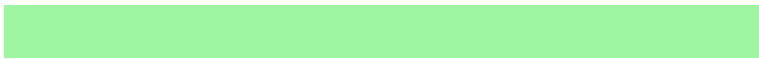
The Sweet Spot groups the original color and five complimentary colors.



78.1290, 0.2624, 0.3254



94.4388, 0.2958, 0.3280



75.9157, 0.3062, 0.4320



20.0783, 0.2937, 0.3278



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.



78.1290, 0.2624, 0.3254



82.6614, 0.2546, 0.3246



55.1898, 0.2553, 0.2734



18.6526, 0.2981, 0.3281



36.0504, 0.2217, 0.3180



3.1990, 0.2221, 0.3195

Inverse Universe

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



50.8981, 0.3193, 0.2440



49.3897, 0.3207, 0.2286



65.9866, 0.3799, 0.3786



16.7577, 0.3143, 0.3065



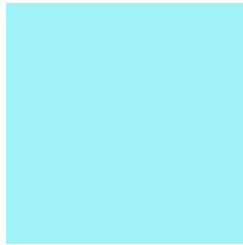
13.7387, 0.3298, 0.1591



1.2106, 0.3286, 0.1584

Previews

White Background



This preview shows how the Yxy color 78.1259, 0.2624, 0.3254 looks on a white background.

Color Contrast Check

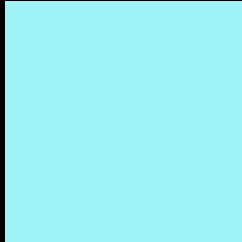
Large Text (above 18pt) WCAG AA × Fail

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 78.1259, 0.2624, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

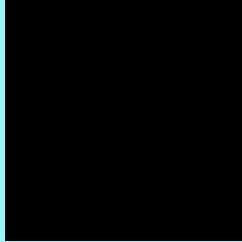
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1259, 0.2624, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 78.1259, 0.2624, 0.3254.

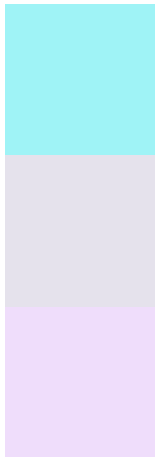


This preview shows how white text looks on a background with the Yxy color 78.1259, 0.2624, 0.3254.

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

78.1259, 0.2624, 0.3254

Protanopia

77.1069, 0.3084, 0.3185

Deuteranopia

77.0287, 0.3058, 0.2987



Tritanopia

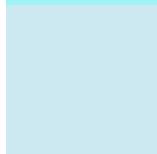
78.1831, 0.2660, 0.3113

Trichromacy



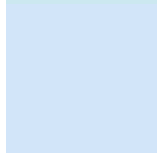
Original Color

78.1259, 0.2624, 0.3254



Protanomaly

76.8419, 0.2896, 0.3203



Deuteranomaly

76.5798, 0.2881, 0.3077



Tritanomaly

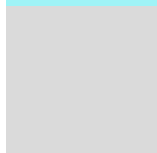
77.8945, 0.2645, 0.3155

Monochromacy



Original Color

78.1259, 0.2624, 0.3254



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

72.4099, 0.2920, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1259, 0.2624, 0.3254 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(159, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(159, 243, 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(159, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 243, 246) }
```

Border

The CSS property to change the border of an element to Yxy 78.1259, 0.2624, 0.3254 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(159, 243, 246) }
```

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

```
.border{ border-color:rgb(159, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(159, 243,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1259, 0.2624, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 243, 246) }
```

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

```
.background{ background-color: rgb(159,  
243, 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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