

Converting Colors

$Y_{xy}(79.0070, 0.2623, 0.3247)$

Have a look what the booklet for
Yxy(79.0070, 0.2623, 0.3247)
contains.

Yxy(78.9523, 0.2621, 0.3243)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.9523, 0.2621, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	A0F4F8
RGB	160, 244, 248
RGB Percent	63%, 96%, 97%
CMY	0.3721, 0.0432, 0.0274
CMYK	0.35, 0.02, 0.00, 0.03
HSL	183°, 86%, 80%
HSV	183°, 35%, 97%
XYZ	63.8094, 78.9523, 100.6928
YIQ	219.3400, -51.3480, -16.5640

Conversions

Conversions Part 2

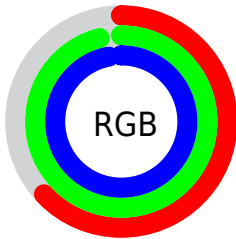
Format	Color
RYB	160, 203, 248
Decimal	10548472
CIELab	91.21, -24.31, -10.00
CIElCh	91, 26.292, 202.366
Yxy	78.9523, 0.2621, 0.3243
Android (android.graphics.Color)	4288738552 (0xFFA0F4F8)
YUV	219.3400, 14.1294, -52.0412
Hunter-Lab	88.8551, -27.3104, -4.9903

Details

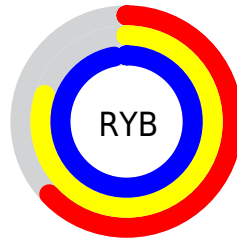
The Yxy color **78.9523, 0.2621, 0.3243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.1045, 0.3966, 0.3336**, and the grayscale version is **71.0325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **42.7153, 0.2510, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **75.9648, 0.2507, 0.3228**, and if you desaturate by 10%, it is **82.4602, 0.2750, 0.3257**.

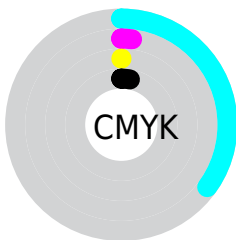
Distribution



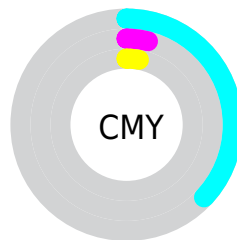
- Red (63%)
- Green (96%)
- Blue (97%)



- Red (63%)
- Yellow (80%)
- Blue (97%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)





- Cyan (37%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9523, 0.2621, 0.3243 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 78.9523, 0.2621, 0.3243 by changing the saturation by 10% instead.

 78.9523, 0.2621,
0.3243

 78.9523, 0.2621,
0.3243

491.3950, 0.2848,
0.3269

 58.8566, 0.2571,
0.3236

 131.8917, 0.2698,
0.3253

 42.4977, 0.2510,
0.3227


 165.5042, 0.2729,
0.3256

 29.4912, 0.2434,
0.3215


204.3911, 0.2755,
0.3259

 19.4527, 0.2337,
0.3198

248.9367, 0.2778,
0.3262

 11.9979, 0.2209,
0.3174

299.5255, 0.2799,
0.3264

 6.7422, 0.2034,
0.3134

356.5419, 0.2817,

 3.3014, 0.1779,

0.3266

420.3703, 0.2833,
0.3268

0.3065

1.2910, 0.1336,
0.2942

0.1343, 0.0000,
0.1370

78.9523, 0.2621,
0.3243

78.9523, 0.2621,
0.3243

75.9648, 0.2507,
0.3228

82.4602, 0.2750,
0.3257

73.4579, 0.2410,
0.3213

86.5072, 0.2892,
0.3271

71.4009, 0.2332,
0.3197

91.1222, 0.3042,
0.3284

69.7559, 0.2274,
0.3181

95.5005, 0.3171,
0.3295

■ 68.4783, 0.2235,
0.3166

■ 96.2038, 0.3171,
0.3306

■ 67.5134, 0.2213,
0.3151

■ 96.9114, 0.3170,
0.3317

■ 67.1401, 0.2207,
0.3144

■ 97.6232, 0.3169,
0.3328

■ 98.3393, 0.3169,
0.3339

■ 99.0597, 0.3168,
0.3349

Harmonies

Analogous

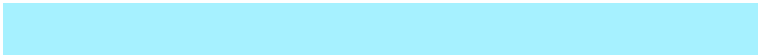
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9523, 0.2825, 0.3538



78.9523, 0.2621, 0.3243



78.9523, 0.2548, 0.2981

Triad

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



78.9523, 0.2621, 0.3243



78.9523, 0.3115, 0.2871



78.9523, 0.3652, 0.3756

Complementary

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



78.9523, 0.2621, 0.3243



49.1045, 0.3966, 0.3336

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.



78.9523, 0.3742, 0.3554



78.9523, 0.2621, 0.3243



78.9523, 0.3424, 0.3056

Square

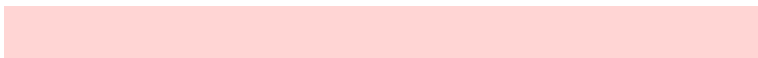
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9523, 0.2621, 0.3243



78.9523, 0.2822, 0.2785



78.9523, 0.3659, 0.3300



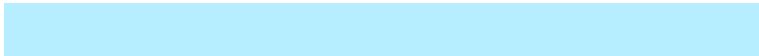
78.9523, 0.3419, 0.3841

Rectangle

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



78.9523, 0.2621, 0.3243



78.9523, 0.2580, 0.2860



78.9523, 0.3659, 0.3300



78.9523, 0.3700, 0.3698

Sweetspot

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



78.9554, 0.2621, 0.3243



94.2450, 0.2957, 0.3277



77.2748, 0.3062, 0.4325



20.0317, 0.2937, 0.3275



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.



78.9554, 0.2621, 0.3243



81.6260, 0.2532, 0.3232



56.1002, 0.2551, 0.2732



19.4641, 0.2980, 0.3279



36.3234, 0.2207, 0.3146



3.4051, 0.2212, 0.3164

Inverse Universe

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



51.6717, 0.3201, 0.2446



48.5184, 0.3219, 0.2274



67.1243, 0.3802, 0.3788



17.5100, 0.3145, 0.3067



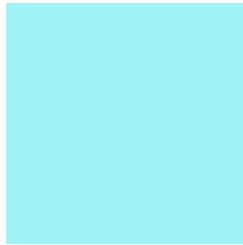
14.0778, 0.3327, 0.1607



1.3080, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 78.9523, 0.2621, 0.3243 looks on a white background.

Color Contrast Check

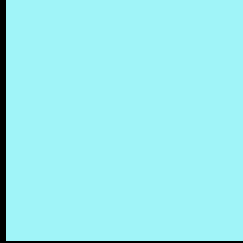
Large Text (above 18pt) WCAG AA × Fail

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 78.9523, 0.2621, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

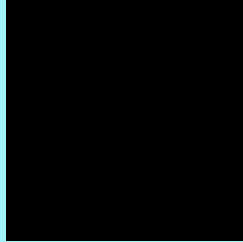
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9523, 0.2621, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 78.9523, 0.2621, 0.3243.

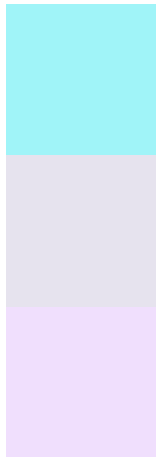


This preview shows how white text looks on a background with the Yxy color 78.9523, 0.2621, 0.3243.

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

78.9523, 0.2621, 0.3243

Protanopia

77.9342, 0.3078, 0.3176

Deuteranopia

78.3925, 0.3052, 0.2989



Tritanopia

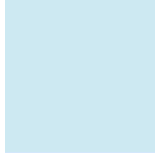
78.5367, 0.2676, 0.3113

Trichromacy



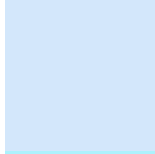
Original Color

78.9523, 0.2621, 0.3243



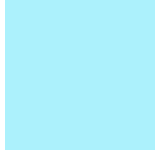
Protanomaly

77.6678, 0.2891, 0.3192



Deuteranomaly

77.9657, 0.2876, 0.3078



Tritanomaly

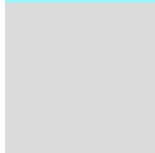
78.7095, 0.2657, 0.3167

Monochromacy



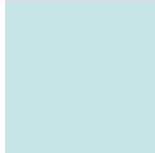
Original Color

78.9523, 0.2621, 0.3243



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

73.2057, 0.2915, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9523, 0.2621, 0.3243 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(160, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 244, 248)  
}
```

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(160, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 244, 248) }
```

Border

The CSS property to change the border of an element to Yxy 78.9523, 0.2621, 0.3243 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(160, 244, 248) }
```

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

```
.border{ border-color:rgb(160, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 244,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9523, 0.2621, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 244, 248) }
```

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

```
.background{ background-color: rgb(160,  
244, 248) }
```

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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