

Converting Colors

$Yxy(70.6646, 0.2505, 0.3080)$

Have a look what the booklet for
Yxy(70.6646, 0.2505, 0.3080)
contains.

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Color

Yxy(70.3661, 0.2505, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	8EE8FA
RGB	142, 232, 250
RGB Percent	56%, 91%, 98%
CMY	0.4430, 0.0902, 0.0197
CMYK	0.43, 0.07, 0.00, 0.02
HSL	190°, 91%, 77%
HSV	190°, 43%, 98%
XYZ	57.2668, 70.3661, 100.9770
YIQ	207.1420, -59.4180, -13.4820

Conversions

Conversions Part 2

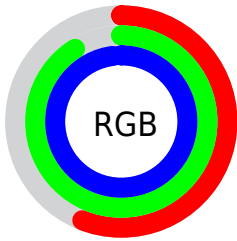
Format	Color
RYB	142, 191, 250
Decimal	9365754
CIELab	87.18, -22.42, -17.15
CIELCh	87, 28.226, 217.408
Yxy	70.3661, 0.2505, 0.3078
Android (android.graphics.Color)	4287555834 (0xFF8EE8FA)
YUV	207.1420, 21.1290, -57.1295
Hunter-Lab	83.8845, -24.9385, -12.6519

Details

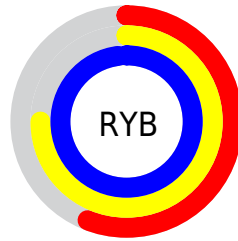
The Yxy color **70.3661, 0.2505, 0.3078** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.4131, 0.4180, 0.3485**, and the grayscale version is **62.3884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **36.8305, 0.2363, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **66.0849, 0.2390, 0.3020**, and if you desaturate by 10%, it is **75.2039, 0.2634, 0.3133**.

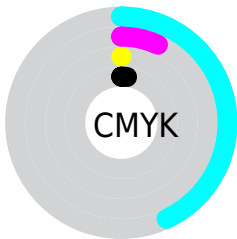
Distribution



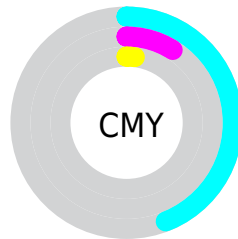
- Red (56%)
- Green (91%)
- Blue (98%)



- Red (56%)
- Yellow (75%)
- Blue (98%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)





- Cyan (44%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3661, 0.2505, 0.3078 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 70.3661, 0.2505, 0.3078 by changing the saturation by 10% instead.

 70.3661, 0.2505,
0.3078


 70.3661, 0.2505,
0.3078


461.8344, 0.2788,
0.3183

 51.8251, 0.2442,
0.3052


 119.7307, 0.2602,
0.3116

 36.8656, 0.2365,
0.3020


 151.3230, 0.2640,
0.3130

 25.1035, 0.2269,
0.2978


188.0346, 0.2673,
0.3142

 16.1542, 0.2146,
0.2922

230.2497, 0.2702,
0.3153

 9.6333, 0.1983,
0.2842

278.3529, 0.2727,
0.3162

 5.1565, 0.1760,
0.2721

332.7285, 0.2749,

 2.3394, 0.1439,

0.3170

0.2525

393.7608, 0.2770,
0.3177

0.7944, 0.0587,
0.2246

0.0000, 0.0000,
0.0000

70.3661, 0.2505,
0.3078

70.3661, 0.2505,
0.3078

66.0849, 0.2390,
0.3020

75.2039, 0.2634,
0.3133

62.3183, 0.2292,
0.2961

80.6210, 0.2775,
0.3185

59.0309, 0.2213,
0.2901

86.6485, 0.2924,
0.3233

56.1787, 0.2154,
0.2840

93.3126, 0.3078,
0.3277

■ 53.7085, 0.2114,
0.2780

■ 98.2869, 0.3157,
0.3317

■ 52.1892, 0.2095,
0.2740

■ 99.6800, 0.3156,
0.3338

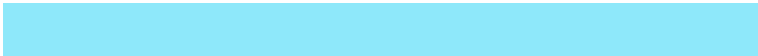
Harmonies

Analogous

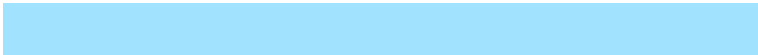
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3661, 0.2661, 0.3402



70.3661, 0.2505, 0.3078



70.3661, 0.2505, 0.2838

Triad

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



70.3661, 0.2505, 0.3078



70.3661, 0.3289, 0.2917



70.3661, 0.3596, 0.3878

Complementary

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



70.3661, 0.2505, 0.3078



47.4131, 0.4180, 0.3485

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.



70.3661, 0.3786, 0.3706



70.3661, 0.2505, 0.3078



70.3661, 0.3607, 0.3160

Square

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



70.3661, 0.2505, 0.3078



70.3661, 0.2942, 0.2763



70.3661, 0.3792, 0.3442



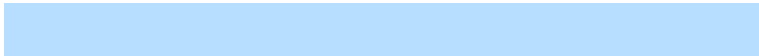
70.3661, 0.3285, 0.3889

Rectangle

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



70.3661, 0.2505, 0.3078



70.3661, 0.2592, 0.2751



70.3661, 0.3792, 0.3442



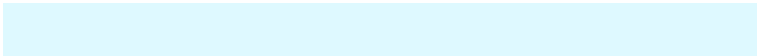
70.3661, 0.3677, 0.3835

Sweetspot

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



70.3688, 0.2505, 0.3078



90.7761, 0.2926, 0.3234



76.5804, 0.2985, 0.4436



19.1190, 0.2893, 0.3223



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.



70.3688, 0.2505, 0.3078



69.6257, 0.2402, 0.3027



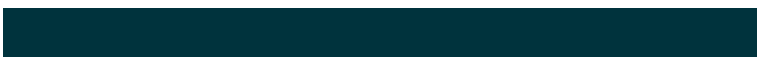
45.2204, 0.2394, 0.2422



19.0878, 0.2980, 0.3250



27.8747, 0.2097, 0.2750



2.7080, 0.2117, 0.2821

Inverse Universe

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



45.5008, 0.3334, 0.2383



41.1568, 0.3388, 0.2215



69.4540, 0.3929, 0.4020



17.4720, 0.3164, 0.3095



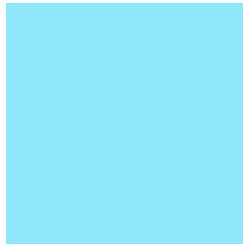
13.2249, 0.3681, 0.1802



1.2376, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 70.3661, 0.2505, 0.3078 looks on a white background.

Color Contrast Check

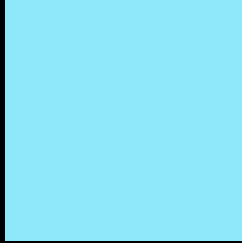
Large Text (above 18pt) WCAG AA × Fail

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 70.3661, 0.2505, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

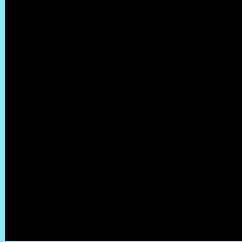
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3661, 0.2505, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 70.3661, 0.2505, 0.3078.

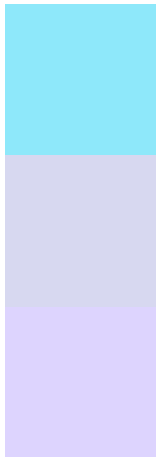


This preview shows how white text looks on a background with the Yxy color 70.3661, 0.2505, 0.3078.

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

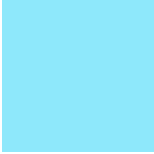
70.3661, 0.2505, 0.3078

Protanopia

69.8501, 0.2964, 0.3031

Deuteranopia

69.6149, 0.2916, 0.2849



Tritanopia

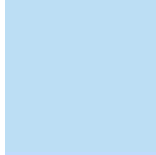
70.4290, 0.2500, 0.3066

Trichromacy



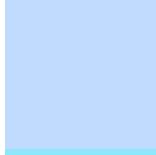
Original Color

70.3661, 0.2505, 0.3078



Protanomaly

69.4656, 0.2768, 0.3042



Deuteranomaly

68.9614, 0.2739, 0.2915



Tritanomaly

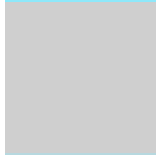
70.4290, 0.2500, 0.3066

Monochromacy



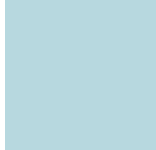
Original Color

70.3661, 0.2505, 0.3078



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.5067, 0.2854, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3661, 0.2505, 0.3078 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(142, 232, 250)` looks like.

```
.text, #text, p{  
    color:rgb(142, 232, 250)  
}
```

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(142, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 232, 250) }
```

Border

The CSS property to change the border of an element to Yxy 70.3661, 0.2505, 0.3078 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(142, 232, 250) }
```

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

```
.border{ border-color:rgb(142, 232, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 232, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(142, 232,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3661, 0.2505, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 232, 250) }
```

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

```
.background{ background-color: rgb(142,  
232, 250) }
```

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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