

Converting Colors

$Yxy(70.0064, 0.2652, 0.3085)$

Have a look what the booklet for
Yxy(70.0064, 0.2652, 0.3085)
contains.

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Color

Yxy(69.8556, 0.2652, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	A8E3F5
RGB	168, 227, 245
RGB Percent	66%, 89%, 96%
CMY	0.3409, 0.1098, 0.0393
CMYK	0.31, 0.07, 0.00, 0.04
HSL	194°, 79%, 81%
HSV	194°, 31%, 96%
XYZ	60.1094, 69.8556, 96.6918
YIQ	211.4110, -40.9420, -6.9100

Conversions

Conversions Part 2

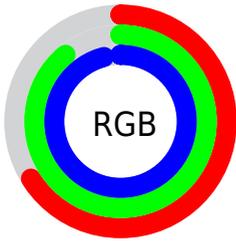
Format	Color
R _Y B	168, 201, 245
Decimal	11068405
CIE Lab	86.93, -14.47, -14.78
CIE LCh	87, 20.682, 225.610
Yxy	69.8556, 0.2652, 0.3082
Android (android.graphics.Color)	4289258485 (0xFFA8E3F5)
YUV	211.4110, 16.5594, -38.0714
Hunter-Lab	83.5797, -17.8896, -10.0857

Details

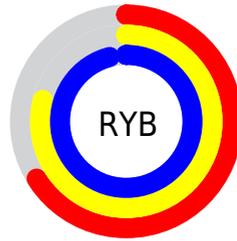
The Yxy color **69.8556, 0.2652, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3910, 0.3786, 0.3487**, and the grayscale version is **65.3470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **36.6899, 0.2540, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **64.3323, 0.2514, 0.3004**, and if you desaturate by 10%, it is **75.9955, 0.2799, 0.3154**.

Distribution



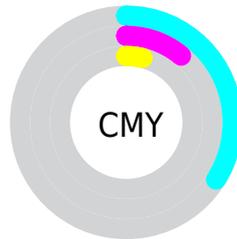
- Red (66%)
- Green (89%)
- Blue (96%)



- Red (66%)
- Yellow (79%)
- Blue (96%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8556, 0.2652, 0.3082 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 69.8556, 0.2652, 0.3082 by changing the saturation by 10% instead.

 69.8556, 0.2652,
0.3082

 69.8556, 0.2652,
0.3082

460.0428, 0.2870,
0.3182

 51.4088, 0.2603,
0.3058

 119.0028, 0.2727,
0.3118

 36.5341, 0.2543,
0.3028

150.4720, 0.2756,
0.3131

 24.8469, 0.2467,
0.2990

187.0508, 0.2782,
0.3143

 15.9631, 0.2369,
0.2938

229.1237, 0.2804,
0.3153

 9.4980, 0.2238,
0.2866

277.0749, 0.2823,
0.3162

 5.0674, 0.2054,
0.2759

331.2889, 0.2840,

 2.2869, 0.1780,

0.3169

0.2585

392.1501, 0.2856,
0.3176

0.7668, 0.1131,
0.2308

0.0000, 0.0000,
0.0000

69.8556, 0.2652,
0.3082

69.8556, 0.2652,
0.3082

64.3323, 0.2514,
0.3004

75.9955, 0.2799,
0.3154

59.3878, 0.2388,
0.2923

82.7709, 0.2951,
0.3221

54.9924, 0.2278,
0.2837

90.2101, 0.3106,
0.3282

51.1102, 0.2186,
0.2750

96.1756, 0.3189,
0.3338

■ 47.6997, 0.2113,
0.2663

■ 99.3719, 0.3185,
0.3386

■ 44.7116, 0.2060,
0.2575

■ 42.4118, 0.2028,
0.2501

Harmonies

Analogous

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



69.8556, 0.2740, 0.3308



69.8556, 0.2652, 0.3082



69.8556, 0.2685, 0.2925

Triad

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



69.8556, 0.2652, 0.3082



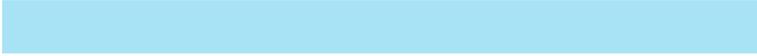
69.8556, 0.3317, 0.3057



69.8556, 0.3419, 0.3736

Complementary

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



69.8556, 0.2652, 0.3082



57.3910, 0.3786, 0.3487

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.



69.8556, 0.3586, 0.3644



69.8556, 0.2652, 0.3082



69.8556, 0.3528, 0.3253

Square

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



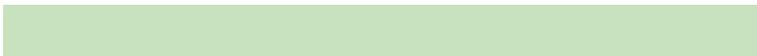
69.8556, 0.2652, 0.3082



69.8556, 0.3061, 0.2919



69.8556, 0.3627, 0.3466



69.8556, 0.3177, 0.3701

Rectangle

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



69.8556, 0.2652, 0.3082



69.8556, 0.2771, 0.2876



69.8556, 0.3627, 0.3466



69.8556, 0.3486, 0.3718

Sweetspot

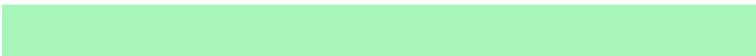
The Sweet Spot groups the original color and five complimentary colors.



69.8584, 0.2652, 0.3082



92.5252, 0.2988, 0.3236



77.1780, 0.2986, 0.3995



19.5576, 0.2965, 0.3227



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.



69.8584, 0.2652, 0.3082



72.3947, 0.2559, 0.3031



51.1436, 0.2596, 0.2616



18.0618, 0.2980, 0.3233



23.0727, 0.2032, 0.2516



2.1832, 0.2062, 0.2624

Inverse Universe

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



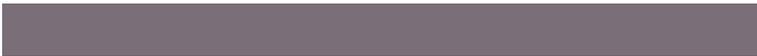
52.9904, 0.3310, 0.2677



51.5924, 0.3360, 0.2546



75.8102, 0.3662, 0.3882



16.6981, 0.3174, 0.3110



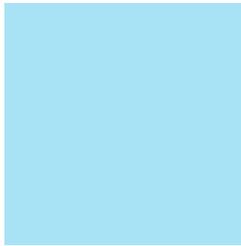
12.4286, 0.3907, 0.1926



1.1080, 0.3801, 0.1867

Previews

White Background



This preview shows how the Yxy color 69.8556, 0.2652, 0.3082 looks on a white background.

Color Contrast Check

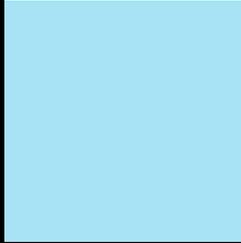
Large Text (above 18pt) WCAG AA × Fail

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 69.8556, 0.2652, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

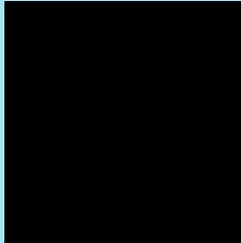
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

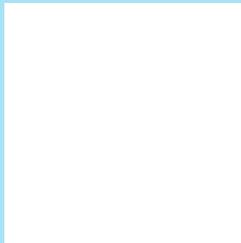
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8556, 0.2652, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 69.8556, 0.2652, 0.3082.



This preview shows how white text looks on a background with the Yxy color 69.8556, 0.2652, 0.3082.

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

69.8556, 0.2652, 0.3082

Trichromacy



Original Color

69.8556, 0.2652, 0.3082

Protanomaly

69.0197, 0.2846, 0.3045

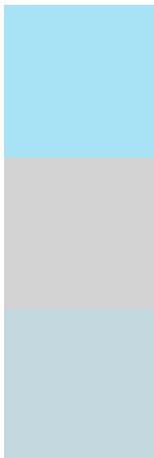
Deuteranomaly

69.0376, 0.2841, 0.2962

Tritanomaly

69.8556, 0.2652, 0.3082

Monochromacy



Original Color

69.8556, 0.2652, 0.3082

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.5555, 0.2934, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8556, 0.2652, 0.3082 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(168, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(168, 227, 245)  
}
```

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(168, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 227, 245) }
```

Border

The CSS property to change the border of an element to Yxy 69.8556, 0.2652, 0.3082 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(168, 227, 245) }
```

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

```
.border{ border-color:rgb(168, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(168, 227,  
245) }
```

Background

The CSS property to change the background color of an element to Yxy 69.8556, 0.2652, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 227, 245) }
```

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

```
.background{ background-color: rgb(168,  
227, 245) }
```

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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