

Converting Colors

$Yxy(67.9177, 0.2617, 0.3058)$

Have a look what the booklet for
Yxy(67.9177, 0.2617, 0.3058)
contains.

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Color

Yxy(68.1244, 0.2616, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	A2E1F5
RGB	162, 225, 245
RGB Percent	64%, 88%, 96%
CMY	0.3645, 0.1177, 0.0391
CMYK	0.34, 0.08, 0.00, 0.04
HSL	194°, 81%, 80%
HSV	194°, 34%, 96%
XYZ	58.3159, 68.1244, 96.4798
YIQ	208.4430, -43.9680, -7.1360

Conversions

Conversions Part 2

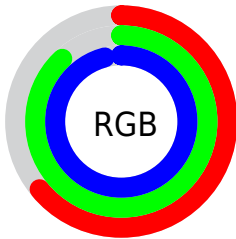
Format	Color
RYB	162, 198, 245
Decimal	10674677
CIELab	86.07, -15.08, -16.12
CIELCh	86, 22.075, 226.897
Yxy	68.1244, 0.2616, 0.3056
Android (android.graphics.Color)	4288864757 (0xFFA2E1F5)
YUV	208.4430, 18.0226, -40.7305
Hunter-Lab	82.5375, -18.3235, -11.5291

Details

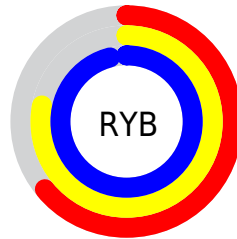
The Yxy color **68.1244, 0.2616, 0.3056** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5137, 0.3853, 0.3510**, and the grayscale version is **63.2889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **35.5494, 0.2497, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **62.6626, 0.2480, 0.2975**, and if you desaturate by 10%, it is **74.2023, 0.2761, 0.3132**.

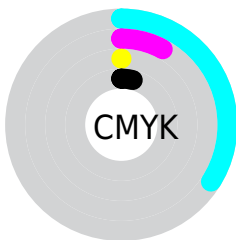
Distribution



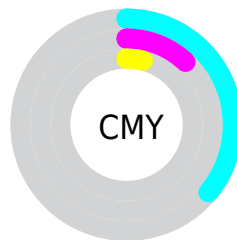
- Red (64%)
- Green (88%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)




- Cyan (36%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1244, 0.2616, 0.3056 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 68.1244, 0.2616, 0.3056 by changing the saturation by 10% instead.

 68.1244, 0.2616,
0.3056


 68.1244, 0.2616,
0.3056


453.9366, 0.2851,
0.3169

 49.9989, 0.2563,
0.3029


 116.5301, 0.2697,
0.3096

 35.4126, 0.2498,
0.2995


 147.5791, 0.2729,
0.3112

 23.9808, 0.2416,
0.2951


183.7048, 0.2756,
0.3125

 15.3194, 0.2310,
0.2893

225.2915, 0.2780,
0.3136

 9.0439, 0.2168,
0.2810

272.7236, 0.2801,
0.3146

 4.7698, 0.1969,
0.2688

326.3856, 0.2819,

 2.1128, 0.1673,

0.3155

0.2489

386.6618, 0.2836,
0.3163

0.6718, 0.0871,
0.2164

0.0000, 0.0000,
0.0000

68.1244, 0.2616,
0.3056

68.1244, 0.2616,
0.3056

62.6626, 0.2480,
0.2975

74.2023, 0.2761,
0.3132

57.7786, 0.2357,
0.2889

80.9161, 0.2913,
0.3203

53.4418, 0.2250,
0.2800

88.2945, 0.3067,
0.3267

49.6149, 0.2161,
0.2710

95.3905, 0.3189,
0.3325

■ 46.2548, 0.2092,
0.2619

■ 99.0979, 0.3185,
0.3382

■ 43.3090, 0.2044,
0.2529

■ 99.3740, 0.3185,
0.3386

■ 41.6603, 0.2021,
0.2475

Harmonies

Analogous

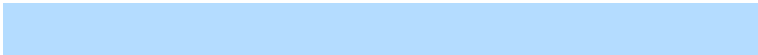
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.1244, 0.2704, 0.3298



68.1244, 0.2616, 0.3056



68.1244, 0.2657, 0.2893

Triad

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



68.1244, 0.2616, 0.3056



68.1244, 0.3343, 0.3048



68.1244, 0.3430, 0.3772

Complementary

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



68.1244, 0.2616, 0.3056



55.5137, 0.3853, 0.3510

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.



68.1244, 0.3615, 0.3677



68.1244, 0.2616, 0.3056



68.1244, 0.3566, 0.3259

Square

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



68.1244, 0.2616, 0.3056



68.1244, 0.3067, 0.2897



68.1244, 0.3667, 0.3487



68.1244, 0.3169, 0.3729

Rectangle

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



68.1244, 0.2616, 0.3056



68.1244, 0.2752, 0.2844



68.1244, 0.3667, 0.3487



68.1244, 0.3504, 0.3754

Sweetspot

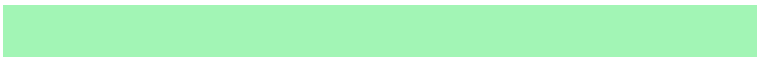
The Sweet Spot groups the original color and five complimentary colors.



68.1271, 0.2616, 0.3056



91.6157, 0.2972, 0.3228



76.3582, 0.2976, 0.4061



19.3702, 0.2950, 0.3219



0.0000, 0.0000, 0.0000



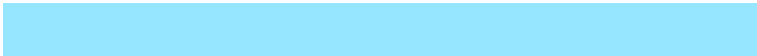
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1271, 0.2616, 0.3056



70.2084, 0.2517, 0.2998



48.6329, 0.2551, 0.2554



18.0403, 0.2980, 0.3232



22.6649, 0.2025, 0.2490



2.1504, 0.2056, 0.2602

Inverse Universe

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



50.7092, 0.3334, 0.2634



48.9164, 0.3391, 0.2496



74.7469, 0.3709, 0.3930



16.6959, 0.3175, 0.3112



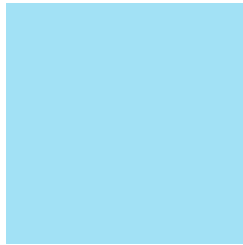
12.3874, 0.3933, 0.1940



1.1047, 0.3822, 0.1879

Previews

White Background



This preview shows how the Yxy color 68.1244, 0.2616, 0.3056 looks on a white background.

Color Contrast Check

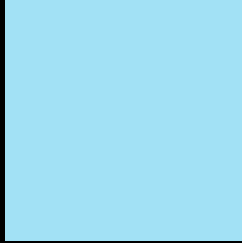
Large Text (above 18pt) WCAG AA × Fail

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 68.1244, 0.2616, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

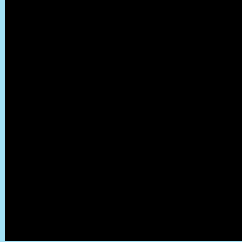
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1244, 0.2616, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 68.1244, 0.2616, 0.3056.

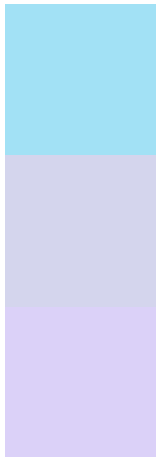


This preview shows how white text looks on a background with the Yxy color 68.1244, 0.2616, 0.3056.

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

68.1244, 0.2616, 0.3056

Protanopia

67.7000, 0.2962, 0.3027

Deuteranopia

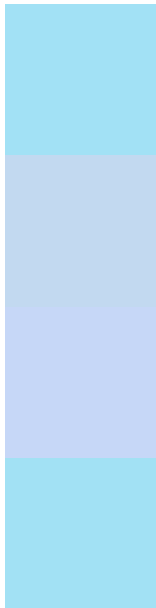
67.4383, 0.2940, 0.2875



Tritanopia

68.0029, 0.2626, 0.3079

Trichromacy



Original Color

68.1244, 0.2616, 0.3056

Protanomaly

67.3863, 0.2824, 0.3031

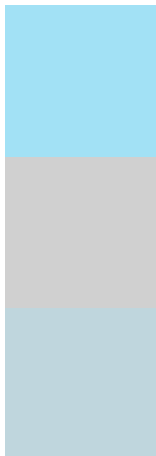
Deuteranomaly

67.3220, 0.2808, 0.2936

Tritanomaly

68.0635, 0.2621, 0.3068

Monochromacy



Original Color

68.1244, 0.2616, 0.3056

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.3900, 0.2919, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1244, 0.2616, 0.3056 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(162, 225, 245)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 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(162, 225, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 245) }
```

Border

The CSS property to change the border of an element to Yxy 68.1244, 0.2616, 0.3056 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(162, 225, 245) }
```

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

```
.border{ border-color:rgb(162, 225, 245) }
```

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

Here you see how a box with a 4 pixel rgb(162, 225, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 245);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1244, 0.2616, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 245) }
```

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

```
.background{ background-color: rgb(162,  
225, 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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