

Converting Colors

$Yxy(65.7345, 0.2650, 0.3031)$

Have a look what the booklet for
Yxy(65.7345, 0.2650, 0.3031)
contains.

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Color

Yxy(65.8127, 0.2652, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	A7DCF2
RGB	167, 220, 242
RGB Percent	65%, 86%, 95%
CMY	0.3449, 0.1373, 0.0509
CMYK	0.31, 0.09, 0.00, 0.05
HSL	198°, 74%, 80%
HSV	198°, 31%, 95%
XYZ	57.5644, 65.8127, 93.6832
YIQ	206.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

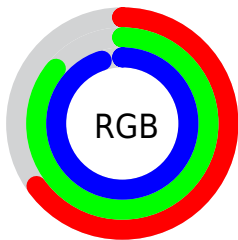
Format	Color
RYB	167, 198, 242
Decimal	11001074
CIELab	84.90, -11.88, -16.26
CIELCh	85, 20.137, 233.834
Yxy	65.8127, 0.2652, 0.3032
Android (android.graphics.Color)	4289191154 (0xFFA7DCF2)
YUV	206.6610, 17.4221, -34.7827
Hunter-Lab	81.1250, -15.3094, -11.6806

Details

The Yxy color **65.8127, 0.2652, 0.3032** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.0938, 0.3759, 0.3533**, and the grayscale version is **62.0790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **33.9661, 0.2542, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **59.7684, 0.2508, 0.2934**, and if you desaturate by 10%, it is **72.5141, 0.2803, 0.3123**.

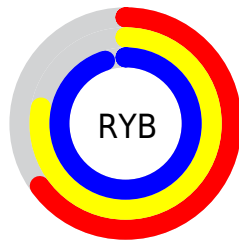
Distribution



Red (65%)

Green (86%)

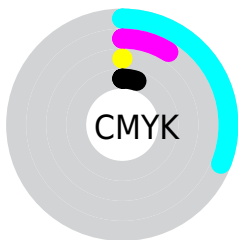
Blue (95%)



Red (65%)

Yellow (78%)

Blue (95%)

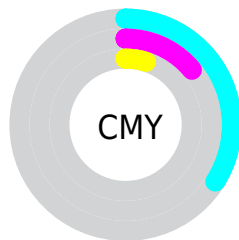


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (34%)

Magenta (14%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8127, 0.2652, 0.3032 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 65.8127, 0.2652, 0.3032 by changing the saturation by 10% instead.

 65.8127, 0.2652,
0.3032

 65.8127, 0.2652,
0.3032


445.7067, 0.2872,
0.3156

 48.1204, 0.2602,
0.3002


 113.2175, 0.2728,
0.3076

 33.9222, 0.2540,
0.2965


 143.6987, 0.2758,
0.3093

 22.8339, 0.2462,
0.2918


179.2117, 0.2783,
0.3107

 14.4709, 0.2361,
0.2854

220.1408, 0.2806,
0.3120

 8.4489, 0.2223,
0.2765

266.8705, 0.2825,
0.3131

 4.3835, 0.2029,
0.2632

319.7851, 0.2843,

 1.8903, 0.1735,

0.3140

0.2416

379.2691, 0.2858,
0.3149

0.5425, 0.0831,
0.1999

0.0000, 0.0000,
0.0000

65.8127, 0.2652,
0.3032

65.8127, 0.2652,
0.3032

59.7684, 0.2508,
0.2934

72.5141, 0.2803,
0.3123

54.3440, 0.2375,
0.2830

79.8921, 0.2957,
0.3207

49.5096, 0.2255,
0.2721

87.9749, 0.3112,
0.3283

45.2296, 0.2153,
0.2609

95.0694, 0.3208,
0.3352

■ 41.4629, 0.2071,
0.2497

■ 99.1916, 0.3203,
0.3415

■ 38.1611, 0.2009,
0.2385

■ 35.5116, 0.1968,
0.2286

Harmonies

Analogous

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



65.8127, 0.2707, 0.3243



65.8127, 0.2652, 0.3032



65.8127, 0.2717, 0.2902

Triad

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



65.8127, 0.2652, 0.3032



65.8127, 0.3381, 0.3108



65.8127, 0.3356, 0.3736

Complementary

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



65.8127, 0.2652, 0.3032



58.0938, 0.3759, 0.3533

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.



65.8127, 0.3548, 0.3677



65.8127, 0.2652, 0.3032



65.8127, 0.3565, 0.3312

Square

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



65.8127, 0.2652, 0.3032



65.8127, 0.3131, 0.2951



65.8127, 0.3626, 0.3519



65.8127, 0.3107, 0.3665

Rectangle

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



65.8127, 0.2652, 0.3032



65.8127, 0.2822, 0.2873



65.8127, 0.3626, 0.3519



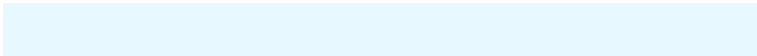
65.8127, 0.3429, 0.3730

Sweetspot

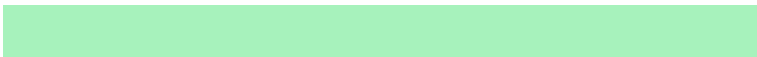
The Sweet Spot groups the original color and five complimentary colors.



65.8153, 0.2652, 0.3032



91.6786, 0.2987, 0.3223



75.3759, 0.2967, 0.3937



19.3482, 0.2965, 0.3211



0.0000, 0.0000, 0.0000



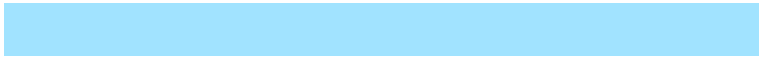
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8153, 0.2652, 0.3032



69.8568, 0.2563, 0.2973



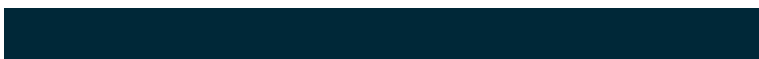
48.6176, 0.2599, 0.2581



17.0991, 0.2981, 0.3219



19.3228, 0.1974, 0.2304



1.7788, 0.2014, 0.2450

Inverse Universe

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



51.7002, 0.3345, 0.2730



52.1896, 0.3402, 0.2617



75.9392, 0.3643, 0.3911



15.9477, 0.3183, 0.3125



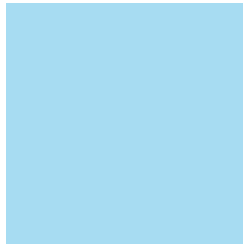
11.7440, 0.4122, 0.2044



0.9943, 0.3973, 0.1962

Previews

White Background



This preview shows how the Yxy color 65.8127, 0.2652, 0.3032 looks on a white background.

Color Contrast Check

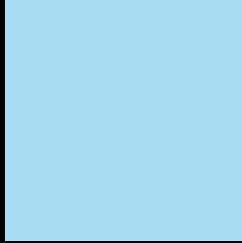
Large Text (above 18pt) WCAG AA × Fail

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 65.8127, 0.2652, 0.3032 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 65.8127, 0.2652, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 65.8127, 0.2652, 0.3032.

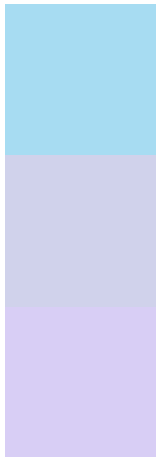


This preview shows how white text looks on a background with the Yxy color 65.8127, 0.2652, 0.3032.

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

65.8127, 0.2652, 0.3032

Protanopia

65.5012, 0.2946, 0.3013

Deuteranopia

65.3341, 0.2937, 0.2870



Tritanopia

65.9929, 0.2669, 0.3089

Trichromacy



Original Color

65.8127, 0.2652, 0.3032

Protanomaly

65.6036, 0.2828, 0.3018

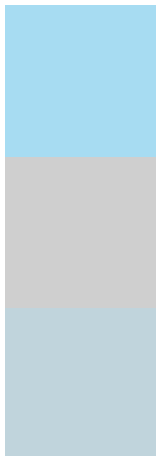
Deuteranomaly

65.1260, 0.2823, 0.2922

Tritanomaly

66.0519, 0.2664, 0.3078

Monochromacy



Original Color

65.8127, 0.2652, 0.3032

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.4607, 0.2931, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8127, 0.2652, 0.3032 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(167, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(167, 220, 242)  
}
```

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(167, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 220, 242) }
```

Border

The CSS property to change the border of an element to Yxy 65.8127, 0.2652, 0.3032 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(167, 220, 242) }
```

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

```
.border{ border-color:rgb(167, 220, 242) }
```

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

Here you see how a box with a 4 pixel rgb(167, 220, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(167, 220,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8127, 0.2652, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 220, 242) }
```

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

```
.background{ background-color: rgb(167,  
220, 242) }
```

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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