

Converting Colors

$Yxy(69.9015, 0.2522, 0.3130)$

Have a look what the booklet for
Yxy(69.9015, 0.2522, 0.3130)
contains.

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Color

Yxy(69.9685, 0.2523, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	8DE8F5
RGB	141, 232, 245
RGB Percent	55%, 91%, 96%
CMY	0.4474, 0.0901, 0.0393
CMYK	0.42, 0.05, 0.00, 0.04
HSL	187°, 84%, 76%
HSV	187°, 42%, 96%
XYZ	56.3096, 69.9685, 96.9069
YIQ	206.2730, -58.4090, -15.2490

Conversions

Conversions Part 2

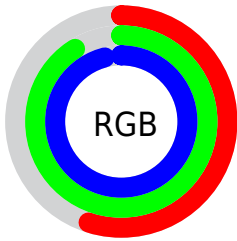
Format	Color
R _Y B	141, 190, 245
Decimal	9300213
CIE Lab	86.98, -23.95, -14.83
CIE LCh	87, 28.166, 211.762
Yxy	69.9685, 0.2523, 0.3135
Android (android.graphics.Color)	4287490293 (0xFF8DE8F5)
YUV	206.2730, 19.0924, -57.2444
Hunter-Lab	83.6472, -26.2200, -10.1356

Details

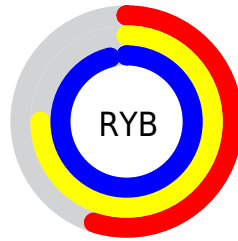
The Yxy color **69.9685, 0.2523, 0.3135** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **44.4026, 0.4176, 0.3434**, and the grayscale version is **61.7986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **36.5638, 0.2385, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **66.3542, 0.2412, 0.3093**, and if you desaturate by 10%, it is **74.0929, 0.2649, 0.3176**.

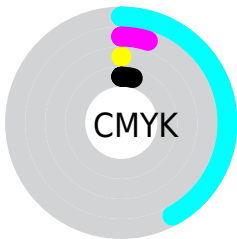
Distribution



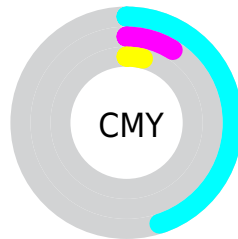
- Red (55%)
- Green (91%)
- Blue (96%)



- Red (55%)
- Yellow (75%)
- Blue (96%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)




- Cyan (45%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9685, 0.2523, 0.3135 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 69.9685, 0.2523, 0.3135 by changing the saturation by 10% instead.

 69.9685, 0.2523,
0.3135


 69.9685, 0.2523,
0.3135


460.4394, 0.2798,
0.3214

 51.5009, 0.2461,
0.3115


 119.1638, 0.2618,
0.3164

 36.6074, 0.2386,
0.3091


 150.6603, 0.2655,
0.3174

 24.9036, 0.2292,
0.3058


187.2685, 0.2687,
0.3183

 16.0053, 0.2171,
0.3013

229.3729, 0.2715,
0.3191

 9.5279, 0.2010,
0.2949

277.3577, 0.2739,
0.3198

 5.0871, 0.1788,
0.2850

331.6075, 0.2761,

 2.2984, 0.1466,

0.3204

0.2682

392.5066, 0.2781,
0.3209

0.7729, 0.0481,
0.2477

0.0000, 0.0000,
0.0000

69.9685, 0.2523,
0.3135

69.9685, 0.2523,
0.3135

66.3542, 0.2412,
0.3093

74.0929, 0.2649,
0.3176

63.2099, 0.2318,
0.3049

78.7482, 0.2788,
0.3214

60.5028, 0.2244,
0.3005

83.9636, 0.2935,
0.3250

58.1918, 0.2189,
0.2961

89.7641, 0.3089,
0.3282

■ 56.2270, 0.2152,
0.2917

■ 94.5422, 0.3190,
0.3312

■ 54.9206, 0.2135,
0.2885

■ 96.4266, 0.3188,
0.3342

■ 98.3418, 0.3186,
0.3371

■ 99.3714, 0.3185,
0.3386

Harmonies

Analogous

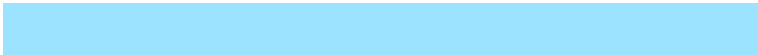
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9685, 0.2706, 0.3465



69.9685, 0.2523, 0.3135



69.9685, 0.2493, 0.2874

Triad

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



69.9685, 0.2523, 0.3135



69.9685, 0.3223, 0.2880



69.9685, 0.3643, 0.3856

Complementary

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



69.9685, 0.2523, 0.3135



44.4026, 0.4176, 0.3434

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.



69.9685, 0.3802, 0.3661



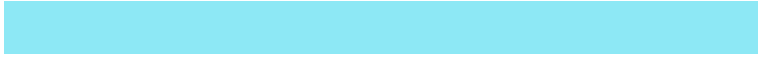
69.9685, 0.2523, 0.3135



69.9685, 0.3554, 0.3109

Square

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



69.9685, 0.2523, 0.3135



69.9685, 0.2881, 0.2747



69.9685, 0.3771, 0.3389



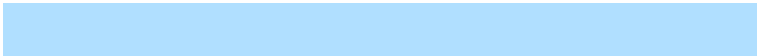
69.9685, 0.3349, 0.3901

Rectangle

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



69.9685, 0.2523, 0.3135



69.9685, 0.2561, 0.2769



69.9685, 0.3771, 0.3389



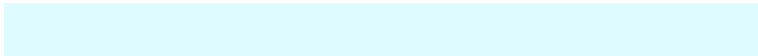
69.9685, 0.3715, 0.3804

Sweetspot

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



69.9712, 0.2523, 0.3135



91.6396, 0.2927, 0.3248



73.2510, 0.3005, 0.4458



19.3342, 0.2894, 0.3240



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.



69.9712, 0.2523, 0.3135



73.1927, 0.2426, 0.3099



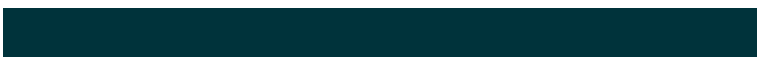
45.2183, 0.2415, 0.2485



18.3848, 0.2981, 0.3260



29.7328, 0.2137, 0.2892



2.7100, 0.2152, 0.2946

Inverse Universe

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



44.2631, 0.3290, 0.2359



42.1348, 0.3331, 0.2189



65.0362, 0.3929, 0.3974



16.7307, 0.3157, 0.3085



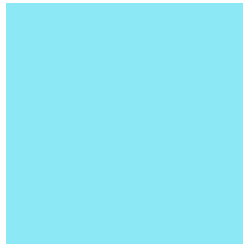
13.1009, 0.3551, 0.1730



1.1612, 0.3502, 0.1703

Previews

White Background



This preview shows how the Yxy color 69.9685, 0.2523, 0.3135 looks on a white background.

Color Contrast Check

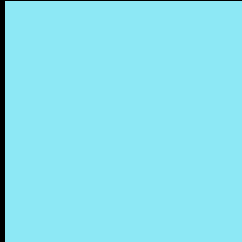
Large Text (above 18pt) WCAG AA × Fail

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 69.9685, 0.2523, 0.3135 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 69.9685, 0.2523, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 69.9685, 0.2523, 0.3135.



This preview shows how white text looks on a background with the Yxy color 69.9685, 0.2523, 0.3135.

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

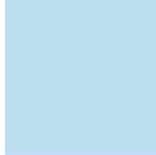
69.8047, 0.2503, 0.3066

Trichromacy



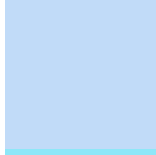
Original Color

69.9685, 0.2523, 0.3135



Protanomaly

68.5773, 0.2801, 0.3097



Deuteranomaly

68.7778, 0.2773, 0.2968



Tritanomaly

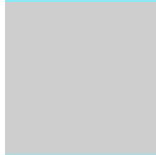
69.6799, 0.2512, 0.3088

Monochromacy



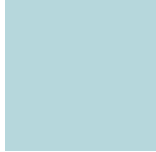
Original Color

69.9685, 0.2523, 0.3135



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

63.7133, 0.2865, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9685, 0.2523, 0.3135 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(141, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(141, 232, 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(141, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 232, 245) }
```

Border

The CSS property to change the border of an element to Yxy 69.9685, 0.2523, 0.3135 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(141, 232, 245) }
```

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

```
.border{ border-color:rgb(141, 232, 245) }
```

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

Here you see how a box with a 4 pixel rgb(141, 232, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(141, 232,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9685, 0.2523, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 232, 245) }
```

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

```
.background{ background-color: rgb(141,  
232, 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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