

Converting Colors

Yxy(69.5231, 0.2527, 0.3126)

Have a look what the booklet for
Yxy(69.5231, 0.2527, 0.3126)
contains.

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Color

Yxy(69.4952, 0.2526, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	8EE7F5
RGB	142, 231, 245
RGB Percent	56%, 91%, 96%
CMY	0.4431, 0.0941, 0.0393
CMYK	0.42, 0.06, 0.00, 0.04
HSL	188°, 84%, 76%
HSV	188°, 42%, 96%
XYZ	56.2103, 69.4952, 96.8215
YIQ	205.9850, -57.5380, -14.5140

Conversions

Conversions Part 2

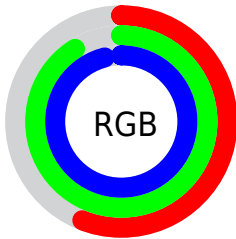
Format	Color
R_{YB}	142, 190, 245
Decimal	9365493
CIE _{Lab}	86.75, -23.19, -15.17
CIE _{LCh}	87, 27.713, 213.192
Yxy	69.4952, 0.2526, 0.3123
Android (android.graphics.Color)	4287555573 (0xFF8EE7F5)
YUV	205.9850, 19.2344, -56.1148
Hunter-Lab	83.3638, -25.5281, -10.5068

Details

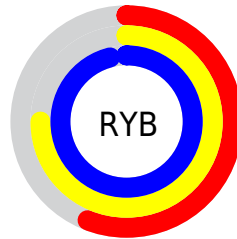
The Yxy color **69.4952, 0.2526, 0.3123** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.1328, 0.4154, 0.3446**, and the grayscale version is **61.6151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **36.2189, 0.2387, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **65.7202, 0.2413, 0.3077**, and if you desaturate by 10%, it is **73.7871, 0.2654, 0.3167**.

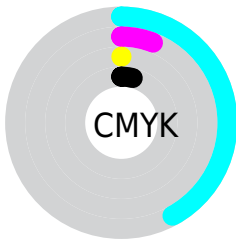
Distribution



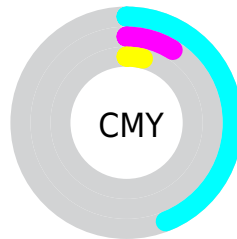
- Red (56%)
- Green (91%)
- Blue (96%)



- Red (56%)
- Yellow (75%)
- Blue (96%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)




- Cyan (44%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4952, 0.2526, 0.3123 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 69.4952, 0.2526, 0.3123 by changing the saturation by 10% instead.

 69.4952, 0.2526,
0.3123

 69.4952, 0.2526,
0.3123

458.7756, 0.2800,
0.3207

 51.1151, 0.2465,
0.3102


 118.4886, 0.2620,
0.3154

 36.3002, 0.2389,
0.3076


 149.8707, 0.2657,
0.3165

 24.6662, 0.2295,
0.3041


186.3556, 0.2689,
0.3175

 15.8285, 0.2174,
0.2994

228.3276, 0.2717,
0.3183

 9.4029, 0.2014,
0.2926

276.1713, 0.2741,
0.3190

 5.0049, 0.1791,
0.2822

330.2709, 0.2763,

 2.2501, 0.1468,

0.3197

0.2647

391.0108, 0.2783,
0.3202

0.7471, 0.0467,
0.2425

0.0000, 0.0000,
0.0000

69.4952, 0.2526,
0.3123

69.4952, 0.2526,
0.3123

65.7202, 0.2413,
0.3077

73.7871, 0.2654,
0.3167

62.4222, 0.2317,
0.3029

78.6167, 0.2793,
0.3209

59.5685, 0.2240,
0.2981

84.0133, 0.2942,
0.3248

57.1181, 0.2183,
0.2932

90.0015, 0.3095,
0.3283

■ 55.0219, 0.2144,
0.2884

■ 94.7589, 0.3190,
0.3316

■ 53.5454, 0.2124,
0.2847

■ 96.8175, 0.3188,
0.3348

■ 98.9126, 0.3186,
0.3379

■ 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.



69.4952, 0.2700, 0.3447



69.4952, 0.2526, 0.3123



69.4952, 0.2504, 0.2870

Triad

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



69.4952, 0.2526, 0.3123



69.4952, 0.3238, 0.2895



69.4952, 0.3625, 0.3854

Complementary

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



69.4952, 0.2526, 0.3123



45.1328, 0.4154, 0.3446

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.



69.4952, 0.3789, 0.3667



69.4952, 0.2526, 0.3123



69.4952, 0.3562, 0.3124

Square

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



69.4952, 0.2526, 0.3123



69.4952, 0.2900, 0.2758



69.4952, 0.3768, 0.3401



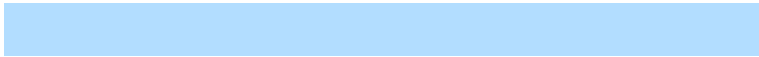
69.4952, 0.3330, 0.3890

Rectangle

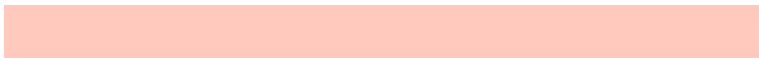
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4952, 0.2526, 0.3123



69.4952, 0.2576, 0.2771



69.4952, 0.3768, 0.3401



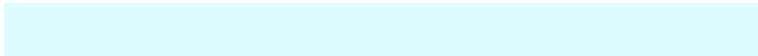
69.4952, 0.3698, 0.3805

Sweetspot

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



69.4979, 0.2526, 0.3123



91.4089, 0.2927, 0.3244



73.4362, 0.2997, 0.4421



19.2767, 0.2893, 0.3236



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.



69.4979, 0.2526, 0.3123



72.7429, 0.2433, 0.3086



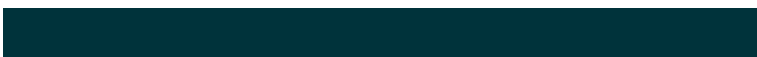
44.8897, 0.2419, 0.2473



18.3517, 0.2981, 0.3257



29.0016, 0.2126, 0.2854



2.6528, 0.2143, 0.2914

Inverse Universe

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



44.5266, 0.3298, 0.2378



42.7234, 0.3339, 0.2219



66.0964, 0.3911, 0.3983



16.7273, 0.3159, 0.3088



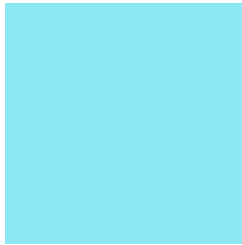
13.0271, 0.3585, 0.1748



1.1554, 0.3531, 0.1719

Previews

White Background



This preview shows how the Yxy color 69.4952, 0.2526, 0.3123 looks on a white background.

Color Contrast Check

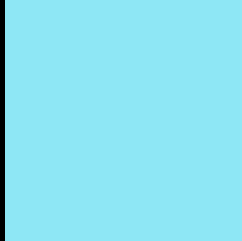
Large Text (above 18pt) WCAG AA × Fail

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 69.4952, 0.2526, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

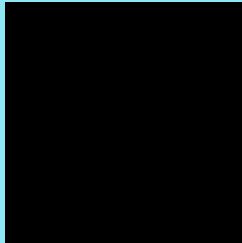
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4952, 0.2526, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 69.4952, 0.2526, 0.3123.

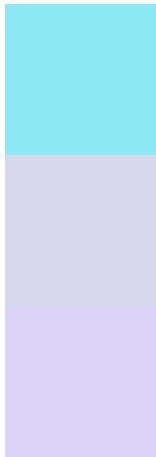


This preview shows how white text looks on a background with the Yxy color 69.4952, 0.2526, 0.3123.

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

69.4952, 0.2526, 0.3123

Protanopia

69.0461, 0.2995, 0.3072

Deuteranopia

68.8002, 0.2947, 0.2888



Tritanopia

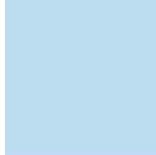
69.2728, 0.2510, 0.3065

Trichromacy



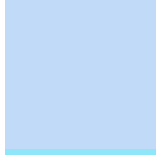
Original Color

69.4952, 0.2526, 0.3123



Protanomaly

68.6363, 0.2795, 0.3086



Deuteranomaly

68.1266, 0.2766, 0.2956



Tritanomaly

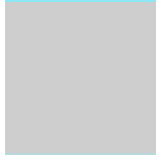
69.2106, 0.2515, 0.3077

Monochromacy



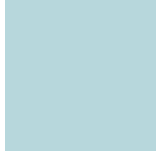
Original Color

69.4952, 0.2526, 0.3123



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

63.8355, 0.2871, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4952, 0.2526, 0.3123 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, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(142, 231, 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(142, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 231, 245) }
```

Border

The CSS property to change the border of an element to Yxy 69.4952, 0.2526, 0.3123 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, 231, 245) }
```

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

```
.border{ border-color:rgb(142, 231, 245) }
```

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

Here you see how a box with a 4 pixel rgb(142, 231, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(142, 231,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4952, 0.2526, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 231, 245) }
```

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

```
.background{ background-color: rgb(142,  
231, 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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