

Converting Colors

$Yxy(67.2160, 0.2536, 0.3080)$

Have a look what the booklet for
Yxy(67.2160, 0.2536, 0.3080)
contains.

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Color

Yxy(66.9441, 0.2535, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	91E2F4
RGB	145, 226, 244
RGB Percent	57%, 89%, 96%
CMY	0.4314, 0.1137, 0.0430
CMYK	0.41, 0.07, 0.00, 0.04
HSL	191°, 82%, 76%
HSV	191°, 41%, 96%
XYZ	55.2060, 66.9441, 95.6251
YIQ	203.8330, -54.0540, -11.5740

Conversions

Conversions Part 2

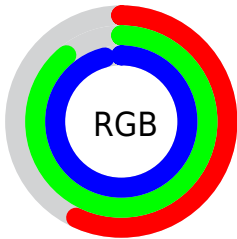
Format	Color
R _Y B	145, 190, 244
Decimal	9560820
CIE Lab	85.48, -20.22, -16.57
CIE LCh	85, 26.142, 219.336
Yxy	66.9441, 0.2535, 0.3074
Android (android.graphics.Color)	4287750900 (0xFF91E2F4)
YUV	203.8330, 19.8023, -51.5965
Hunter-Lab	81.8194, -22.7445, -12.0207

Details

The Yxy color **66.9441, 0.2535, 0.3074** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4898, 0.4082, 0.3491**, and the grayscale version is **60.1733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **34.8314, 0.2399, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **62.5773, 0.2414, 0.3012**, and if you desaturate by 10%, it is **71.8548, 0.2669, 0.3133**.

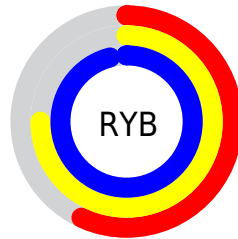
Distribution



Red (57%)

Green (89%)

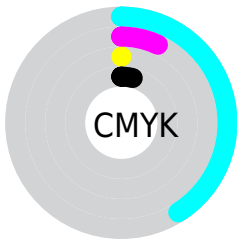
Blue (96%)



Red (57%)

Yellow (75%)

Blue (96%)

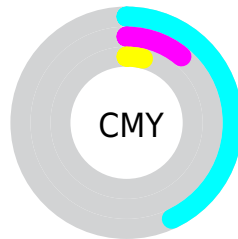


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (43%)


Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9441, 0.2535, 0.3074 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 66.9441, 0.2535, 0.3074 by changing the saturation by 10% instead.

 66.9441, 0.2535,
0.3074

 66.9441, 0.2535,
0.3074


449.7458, 0.2807,
0.3181

 49.0392, 0.2474,
0.3048


 114.8403, 0.2629,
0.3113

 34.6506, 0.2399,
0.3015


 145.6004, 0.2665,
0.3127

 23.3938, 0.2304,
0.2972


181.4144, 0.2697,
0.3140

 14.8846, 0.2182,
0.2913

222.6666, 0.2725,
0.3150

 8.7384, 0.2020,
0.2830

269.7414, 0.2749,
0.3159

 4.5710, 0.1793,
0.2704

323.0233, 0.2770,

 1.9978, 0.1462,

0.3168

382.8966, 0.2790,
0.3175

0.2495

0.6062, 0.0297,
0.2177

0.0000, 0.0000,
0.0000

66.9441, 0.2535,
0.3074

66.9441, 0.2535,
0.3074

62.5773, 0.2414,
0.3012

71.8548, 0.2669,
0.3133

58.7154, 0.2310,
0.2947


77.3301, 0.2813,
0.3189


55.3262, 0.2223,
0.2880


83.3990, 0.2964,
0.3240


52.3696, 0.2157,
0.2814


90.0859, 0.3118,
0.3287

 49.7984, 0.2109,
0.2748

 95.0629, 0.3196,
0.3331

 47.6562, 0.2080,
0.2686

 97.8310, 0.3192,
0.3373

 99.3137, 0.3191,
0.3395

Harmonies

Analogous

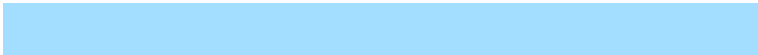
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9441, 0.2674, 0.3376



66.9441, 0.2535, 0.3074



66.9441, 0.2545, 0.2854

Triad

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



66.9441, 0.2535, 0.3074



66.9441, 0.3302, 0.2950



66.9441, 0.3553, 0.3849

Complementary

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



66.9441, 0.2535, 0.3074



47.4898, 0.4082, 0.3491

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.



66.9441, 0.3741, 0.3697



66.9441, 0.2535, 0.3074



66.9441, 0.3594, 0.3184

Square

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



66.9441, 0.2535, 0.3074



66.9441, 0.2973, 0.2798



66.9441, 0.3758, 0.3453



66.9441, 0.3256, 0.3847

Rectangle

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



66.9441, 0.2535, 0.3074



66.9441, 0.2633, 0.2776



66.9441, 0.3758, 0.3453



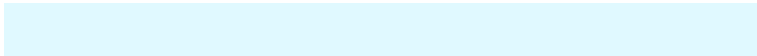
66.9441, 0.3632, 0.3813

Sweetspot

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



66.9467, 0.2535, 0.3074



91.1476, 0.2942, 0.3233



73.3324, 0.2984, 0.4332



19.3159, 0.2922, 0.3227



0.0000, 0.0000, 0.0000



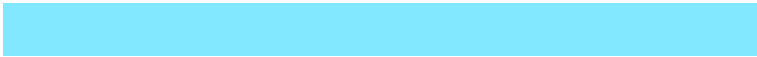
21.4041, 0.3127, 0.3290

Same Dimension

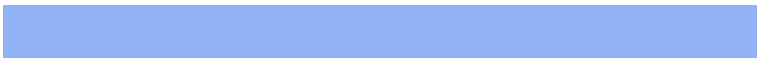
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9467, 0.2535, 0.3074



69.8228, 0.2431, 0.3021



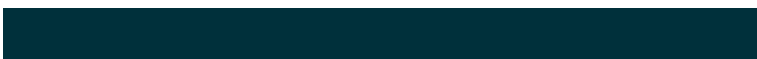
44.3991, 0.2438, 0.2464



18.2145, 0.2980, 0.3246



26.0907, 0.2083, 0.2697



2.4236, 0.2105, 0.2779

Inverse Universe

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



44.9813, 0.3333, 0.2450



43.0789, 0.3388, 0.2287



67.8832, 0.3866, 0.3992



16.7135, 0.3166, 0.3099



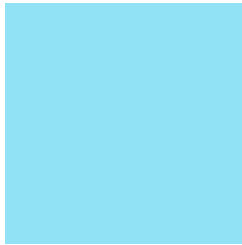
12.7332, 0.3731, 0.1829



1.1323, 0.3654, 0.1787

Previews

White Background



This preview shows how the Yxy color 66.9441, 0.2535, 0.3074 looks on a white background.

Color Contrast Check

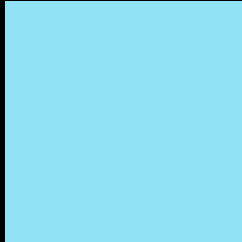
Large Text (above 18pt) WCAG AA × Fail

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 66.9441, 0.2535, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

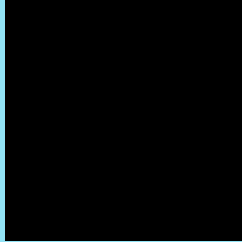
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9441, 0.2535, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 66.9441, 0.2535, 0.3074.

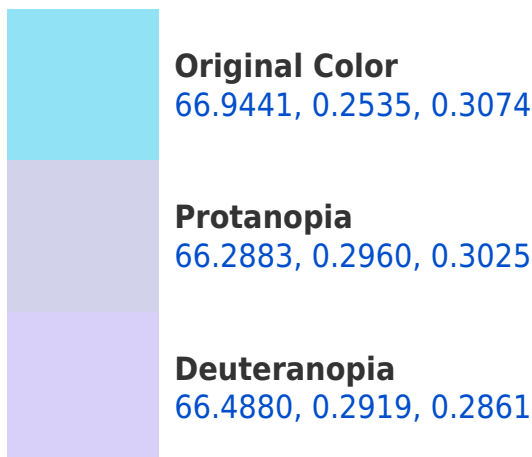


This preview shows how white text looks on a background with the Yxy color 66.9441, 0.2535, 0.3074.

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

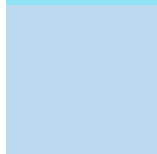
66.9441, 0.2535, 0.3074

Trichromacy



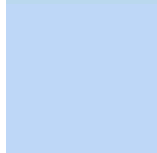
Original Color

66.9441, 0.2535, 0.3074



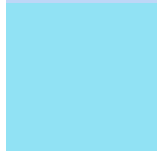
Protanomaly

65.7239, 0.2784, 0.3038



Deuteranomaly

66.2634, 0.2757, 0.2931



Tritanomaly

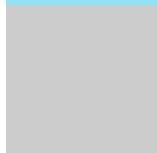
66.9441, 0.2535, 0.3074

Monochromacy



Original Color

66.9441, 0.2535, 0.3074



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.2687, 0.2876, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9441, 0.2535, 0.3074 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(145, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(145, 226, 244)  
}
```

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(145, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 226, 244) }
```

Border

The CSS property to change the border of an element to Yxy 66.9441, 0.2535, 0.3074 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(145, 226, 244) }
```

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

```
.border{ border-color:rgb(145, 226, 244) }
```

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

Here you see how a box with a 4 pixel rgb(145, 226, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(145, 226,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9441, 0.2535, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 226, 244) }
```

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

```
.background{ background-color: rgb(145,  
226, 244) }
```

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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