

Converting Colors

$Yxy(66.5708, 0.2538, 0.3011)$

Have a look what the booklet for
Yxy(66.5708, 0.2538, 0.3011)
contains.

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Color

Yxy(66.5727, 0.2537, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	96E0F8
RGB	150, 224, 248
RGB Percent	59%, 88%, 97%
CMY	0.4115, 0.1216, 0.0274
CMYK	0.39, 0.10, 0.00, 0.03
HSL	195°, 88%, 78%
HSV	195°, 39%, 97%
XYZ	56.1859, 66.5727, 98.7074
YIQ	204.6100, -51.8080, -8.2240

Conversions

Conversions Part 2

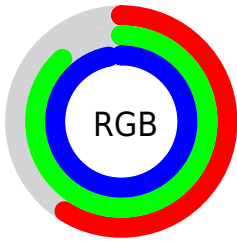
Format	Color
RYB	150, 192, 248
Decimal	9887992
CIELab	85.29, -16.96, -18.93
CIElCh	85, 25.414, 228.152
Yxy	66.5727, 0.2537, 0.3006
Android (android.graphics.Color)	4288078072 (0xFF96E0F8)
YUV	204.6100, 21.3913, -47.8930
Hunter-Lab	81.5921, -19.8675, -14.6126

Details

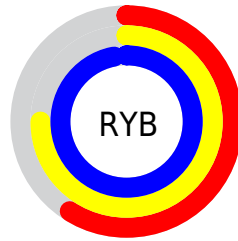
The Yxy color **66.5727, 0.2537, 0.3006** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4674, 0.4020, 0.3552**, and the grayscale version is **60.6857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **34.5614, 0.2401, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **61.2539, 0.2407, 0.2921**, and if you desaturate by 10%, it is **72.5116, 0.2678, 0.3087**.

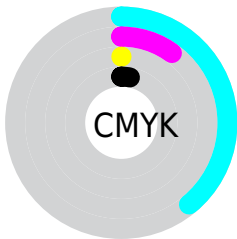
Distribution



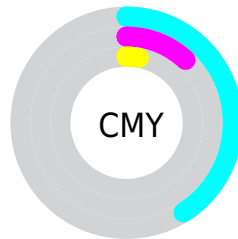
- Red (59%)
- Green (88%)
- Blue (97%)



- Red (59%)
- Yellow (75%)
- Blue (97%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)




- Cyan (41%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5727, 0.2537, 0.3006 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 66.5727, 0.2537, 0.3006 by changing the saturation by 10% instead.


 66.5727, 0.2537,
0.3006


 66.5727, 0.2537,
0.3006

448.4223, 0.2808,
0.3144

 48.7375, 0.2476,
0.2973

 114.3079, 0.2630,
0.3055

 34.4113, 0.2401,
0.2931


 144.9767, 0.2667,
0.3074

 23.2097, 0.2307,
0.2878

180.6921, 0.2698,
0.3090

 14.7484, 0.2186,
0.2806

221.8385, 0.2726,
0.3104

 8.6430, 0.2024,
0.2705

268.8003, 0.2750,
0.3116

 4.5091, 0.1799,
0.2556


321.9620, 0.2772,


 1.9622, 0.1470,


0.3127


381.7078, 0.2791,
0.3136


0.2315


 0.5854, 0.0464,
0.1906


 0.0000, 0.0000,
0.0000


 66.5727, 0.2537,
0.3006

 66.5727, 0.2537,
0.3006


 61.2539, 0.2407,
0.2921


 72.5116, 0.2678,
0.3087


 56.5145, 0.2292,
0.2832

 79.0929, 0.2827,
0.3162

 52.3207, 0.2195,
0.2740

 86.3471, 0.2980,
0.3230

 48.6308, 0.2117,
0.2648

 94.3002, 0.3135,
0.3293

■ 45.3956, 0.2059,
0.2556

■ 99.1793, 0.3168,
0.3351

■ 42.5386, 0.2019,
0.2465

■ 99.5583, 0.3168,
0.3357

■ 42.4002, 0.2017,
0.2460

Harmonies

Analogous

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



66.5727, 0.2632, 0.3284



66.5727, 0.2537, 0.3006



66.5727, 0.2590, 0.2825

Triad

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



66.5727, 0.2537, 0.3006



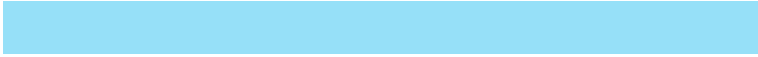
66.5727, 0.3389, 0.3020



66.5727, 0.3465, 0.3851

Complementary

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



66.5727, 0.2537, 0.3006



52.4674, 0.4020, 0.3552

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.



66.5727, 0.3687, 0.3743



66.5727, 0.2537, 0.3006



66.5727, 0.3645, 0.3263

Square

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



66.5727, 0.2537, 0.3006



66.5727, 0.3069, 0.2843



66.5727, 0.3756, 0.3524



66.5727, 0.3160, 0.3797

Rectangle

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



66.5727, 0.2537, 0.3006



66.5727, 0.2703, 0.2774



66.5727, 0.3756, 0.3524



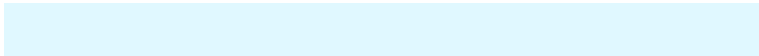
66.5727, 0.3552, 0.3832

Sweetspot

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



66.5753, 0.2537, 0.3006



89.9563, 0.2941, 0.3214



76.6482, 0.2954, 0.4216



19.0343, 0.2921, 0.3205



0.0000, 0.0000, 0.0000



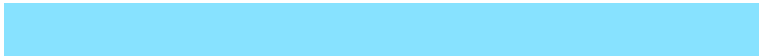
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5753, 0.2537, 0.3006



66.5627, 0.2438, 0.2942



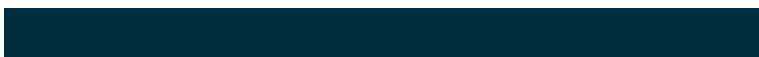
44.3896, 0.2444, 0.2406



18.8451, 0.2980, 0.3230



23.1330, 0.2021, 0.2475



2.3080, 0.2051, 0.2584

Inverse Universe

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



47.1724, 0.3382, 0.2529



44.0993, 0.3447, 0.2390



74.3497, 0.3818, 0.4036



17.4475, 0.3176, 0.3113



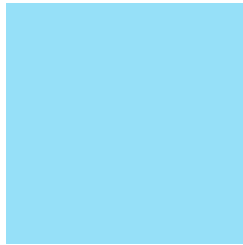
12.7462, 0.3947, 0.1948



1.1972, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 66.5727, 0.2537, 0.3006 looks on a white background.

Color Contrast Check

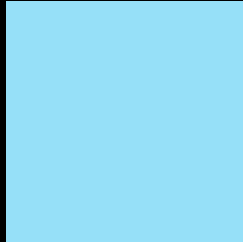
Large Text (above 18pt) WCAG AA × Fail

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 66.5727, 0.2537, 0.3006 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 66.5727, 0.2537, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 66.5727, 0.2537, 0.3006.

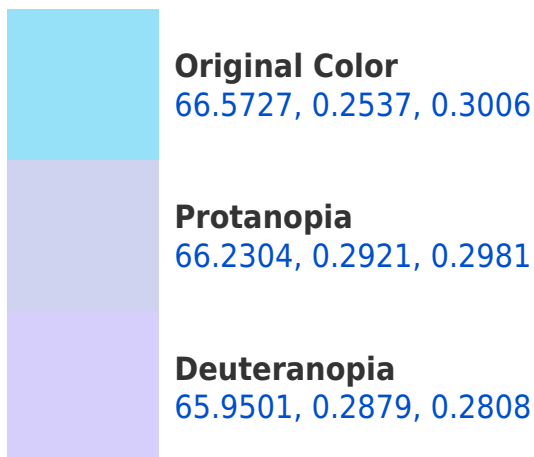


This preview shows how white text looks on a background with the Yxy color 66.5727, 0.2537, 0.3006.

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

66.7111, 0.2558, 0.3075

Trichromacy



Original Color

66.5727, 0.2537, 0.3006

Protanomaly

66.0873, 0.2767, 0.2994

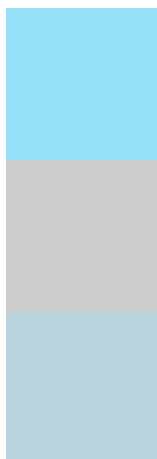
Deuteranomaly

65.6299, 0.2738, 0.2867

Tritanomaly

66.8326, 0.2548, 0.3052

Monochromacy



Original Color

66.5727, 0.2537, 0.3006

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.6217, 0.2877, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5727, 0.2537, 0.3006 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(150, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(150, 224, 248)  
}
```

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(150, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 224, 248) }
```

Border

The CSS property to change the border of an element to Yxy 66.5727, 0.2537, 0.3006 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(150, 224, 248) }
```

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

```
.border{ border-color:rgb(150, 224, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 224, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 224, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 224, 248);  
box-shadow:4px 4px 4px 4px rgb(150, 224,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5727, 0.2537, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 224, 248) }
```

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

```
.background{ background-color: rgb(150,  
224, 248) }
```

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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