

Converting Colors

$Yxy(66.6551, 0.2496, 0.2894)$

Have a look what the booklet for
Yxy(66.6551, 0.2496, 0.2894)
contains.

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Color

Yxy(66.5747, 0.2506, 0.2917)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 97DFFF |
| RGB | 151, 223, 255 |
| RGB Percent | 59%, 87%, 100% |
| CMY | 0.4081, 0.1254, 0.0000 |
| CMYK | 0.41, 0.13, 0.00, 0.00 |
| HSL | 198°, 100%, 80% |
| HSV | 198°, 41%, 100% |
| XYZ | 57.1944, 66.5747, 104.4609 |
| YIQ | 205.1200, -53.1840, -5.3120 |

Conversions

Conversions Part 2

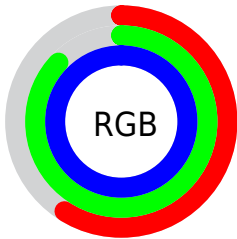
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 151, 194, 255 |
| Decimal | 9953279 |
| CIE _{Lab} | 85.29, -14.46, -22.62 |
| CIE _{LCh} | 85, 26.848, 237.404 |
| Yxy | 66.5747, 0.2506, 0.2917 |
| Android (android.graphics.Color) | 4288143359 (0xFF97DFFF) |
| YUV | 205.1200, 24.5908, -47.4632 |
| Hunter-Lab | 81.5933, -17.6652, -18.7915 |

Details

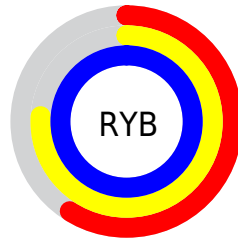
The Yxy color **66.5747, 0.2506, 0.2917** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.3311, 0.4033, 0.3628**, and the grayscale version is **60.9896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **34.4622, 0.2365, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **60.3027, 0.2371, 0.2808**, and if you desaturate by 10%, it is **73.5705, 0.2652, 0.3021**.

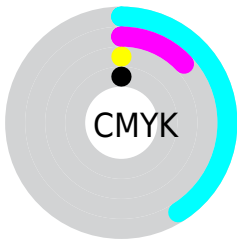
Distribution



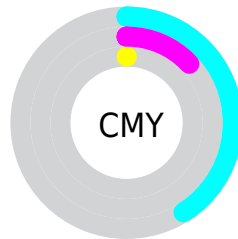
- Red (59%)
- Green (87%)
- Blue (100%)



- Red (59%)
- Yellow (76%)
- Blue (100%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5747, 0.2506, 0.2917 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 66.5747, 0.2506, 0.2917 by changing the saturation by 10% instead.

66.5747, 0.2506,
0.2917

66.5747, 0.2506,
0.2917

448.4294, 0.2791,
0.3096

48.7391, 0.2442,
0.2875

114.3108, 0.2604,
0.2980

34.4125, 0.2364,
0.2822

144.9800, 0.2642,
0.3004

23.2107, 0.2266,
0.2755

180.6960, 0.2675,
0.3025

14.7492, 0.2140,
0.2666

221.8430, 0.2704,
0.3043

8.6435, 0.1973,
0.2543

268.8054, 0.2730,
0.3059

4.5094, 0.1743,
0.2365

321.9677, 0.2752,

1.9624, 0.1412,

0.3073

0.2088

381.7142, 0.2772,
0.3085

■ 0.5855, 0.0560,
0.1613

■ 0.0000, 0.0000,
0.0000

■ 66.5747, 0.2506,
0.2917

■ 66.5747, 0.2506,
0.2917

■ 60.3027, 0.2371,
0.2808

■ 73.5705, 0.2652,
0.3021

■ 54.7140, 0.2249,
0.2693

■ 81.3204, 0.2804,
0.3116

■ 49.7688, 0.2145,
0.2575

■ 89.8569, 0.2959,
0.3204

■ 45.4203, 0.2060,
0.2457

■ 99.2094, 0.3115,
0.3284

■ 41.6128, 0.1996,
0.2339

100.0000, 0.3127,
0.3290

■ 38.5109, 0.1954,
0.2233

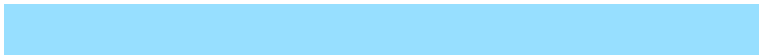
Harmonies

Analogous

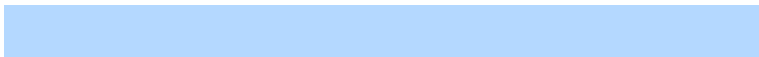
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5747, 0.2558, 0.3185



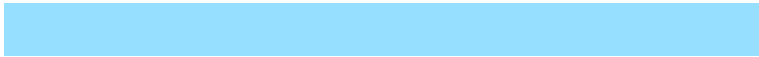
66.5747, 0.2506, 0.2917



66.5747, 0.2608, 0.2767

Triad

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



66.5747, 0.2506, 0.2917



66.5747, 0.3499, 0.3078



66.5747, 0.3389, 0.3886

Complementary

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



66.5747, 0.2506, 0.2917



57.3311, 0.4033, 0.3628

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.



66.5747, 0.3660, 0.3819



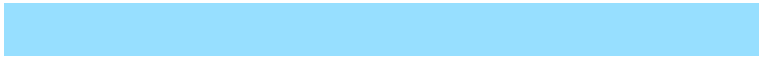
66.5747, 0.2506, 0.2917



66.5747, 0.3730, 0.3346

Square

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



66.5747, 0.2506, 0.2917



66.5747, 0.3170, 0.2867



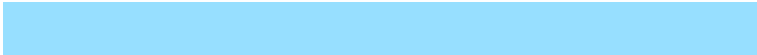
66.5747, 0.3789, 0.3615



66.5747, 0.3057, 0.3773

Rectangle

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



66.5747, 0.2506, 0.2917



66.5747, 0.2754, 0.2743



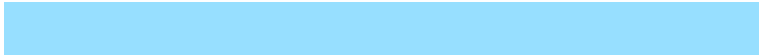
66.5747, 0.3789, 0.3615



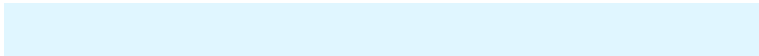
66.5747, 0.3491, 0.3883

Sweetspot

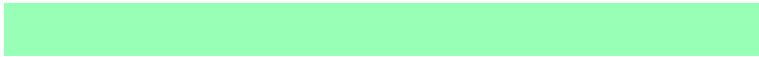
The Sweet Spot groups the original color and five complimentary colors.



66.5758, 0.2506, 0.2917



88.7957, 0.2941, 0.3194



81.4779, 0.2914, 0.4167



18.7602, 0.2920, 0.3183



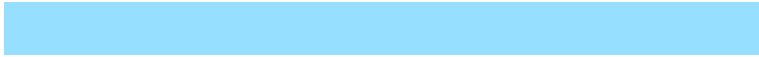
0.0000, 0.0000, 0.0000



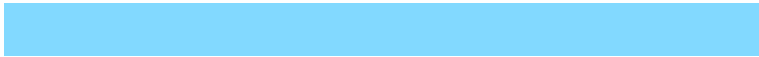
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5758, 0.2506, 0.2917



61.3841, 0.2394, 0.2828



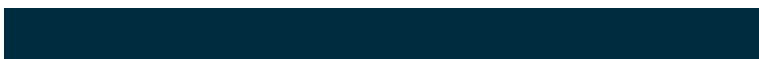
43.2057, 0.2404, 0.2283



19.4837, 0.2980, 0.3215



20.3997, 0.1959, 0.2252



2.1801, 0.1996, 0.2385

Inverse Universe

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



48.7034, 0.3452, 0.2562



42.2270, 0.3542, 0.2424



82.4457, 0.3817, 0.4125



18.1997, 0.3185, 0.3127



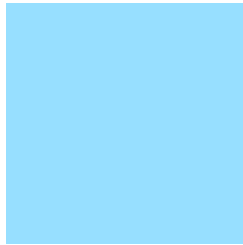
12.7873, 0.4177, 0.2075



1.2646, 0.4039, 0.1999

Previews

White Background



This preview shows how the Yxy color 66.5747, 0.2506, 0.2917 looks on a white background.

Color Contrast Check

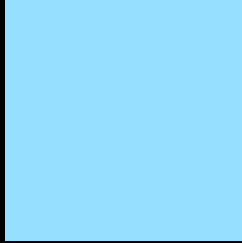
Large Text (above 18pt) WCAG AA × Fail

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 66.5747, 0.2506, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

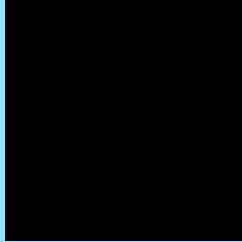
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5747, 0.2506, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 66.5747, 0.2506, 0.2917.

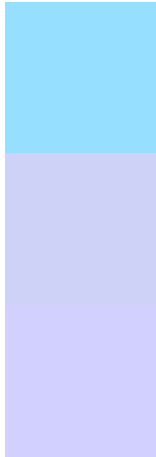


This preview shows how white text looks on a background with the Yxy color 66.5747, 0.2506, 0.2917.

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

66.5747, 0.2506, 0.2917

Protanopia

65.9304, 0.2857, 0.2885

Deuteranopia

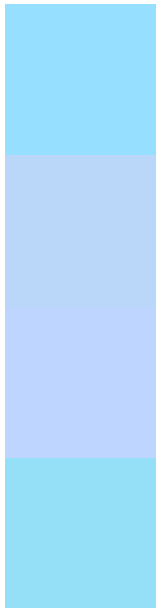
66.0334, 0.2834, 0.2786



Tritanopia

66.6174, 0.2553, 0.3075

Trichromacy



Original Color

66.5747, 0.2506, 0.2917

Protanomaly

65.9421, 0.2715, 0.2897

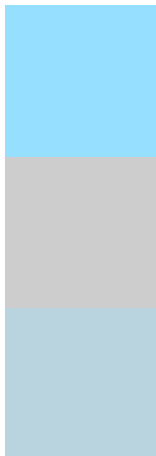
Deuteranomaly

65.6273, 0.2703, 0.2824

Tritanomaly

66.4163, 0.2537, 0.3017

Monochromacy



Original Color

66.5747, 0.2506, 0.2917

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.7290, 0.2865, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5747, 0.2506, 0.2917 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(151, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 223, 255)  
}
```

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(151, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.5747, 0.2506, 0.2917 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(151, 223, 255) }
```

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

```
.border{ border-color:rgb(151, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5747, 0.2506, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 223, 255) }
```

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

```
.background{ background-color: rgb(151,  
223, 255) }
```

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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