

Converting Colors

$Y_{xy}(63.0016, 0.2520, 0.2935)$

Have a look what the booklet for
Yxy(63.0016, 0.2520, 0.2935)
contains.

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Color

Yxy(63.1541, 0.2520, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	94DAF7
RGB	148, 218, 247
RGB Percent	58%, 85%, 97%
CMY	0.4196, 0.1451, 0.0312
CMYK	0.40, 0.12, 0.00, 0.03
HSL	198°, 86%, 77%
HSV	198°, 40%, 97%
XYZ	54.0769, 63.1541, 97.3599
YIQ	200.3760, -51.0290, -5.8210

Conversions

Conversions Part 2

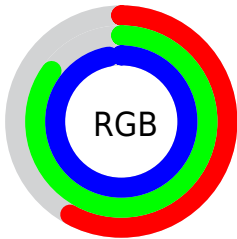
Format	Color
R _{YB}	148, 189, 247
Decimal	9755383
CIE Lab	83.52, -14.67, -21.09
CIE LCh	84, 25.688, 235.179
Yxy	63.1541, 0.2520, 0.2943
Android (android.graphics.Color)	4287945463 (0xFF94DAF7)
YUV	200.3760, 22.9856, -45.9338
Hunter-Lab	79.4696, -17.6072, -17.0088

Details

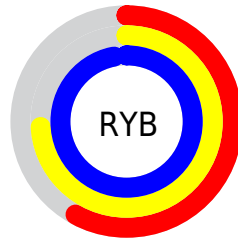
The Yxy color **63.1541, 0.2520, 0.2943** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.3785, 0.4016, 0.3606**, and the grayscale version is **57.8848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **32.2313, 0.2377, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **57.4187, 0.2385, 0.2839**, and if you desaturate by 10%, it is **69.5501, 0.2665, 0.3041**.

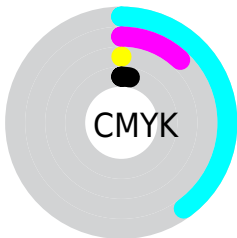
Distribution



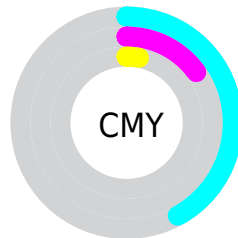
- Red (58%)
- Green (85%)
- Blue (97%)



- Red (58%)
- Yellow (74%)
- Blue (97%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)





- Cyan (42%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1541, 0.2520, 0.2943 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 63.1541, 0.2520, 0.2943 by changing the saturation by 10% instead.


 63.1541, 0.2520,
0.2943


 63.1541, 0.2520,
0.2943


436.1285, 0.2801,
0.3112

 45.9659, 0.2456,
0.2903


 109.3918, 0.2617,
0.3003

 32.2189, 0.2378,
0.2852


 139.2101, 0.2655,
0.3026

 21.5288, 0.2279,
0.2787


174.0072, 0.2688,
0.3045

 13.5110, 0.2151,
0.2700

214.1674, 0.2716,
0.3062

 7.7814, 0.1979,
0.2578

260.0753, 0.2741,
0.3077

 3.9554, 0.1740,
0.2398

312.1152, 0.2764,

 1.6486, 0.1389,

0.3090

0.2110

370.6715, 0.2783,
0.3101

0.3901, 0.0048,
0.1480

0.0000, 0.0000,
0.0000

63.1541, 0.2520,
0.2943

63.1541, 0.2520,
0.2943

57.4187, 0.2385,
0.2839

69.5501, 0.2665,
0.3041

52.3028, 0.2265,
0.2731

76.6302, 0.2816,
0.3131

47.7717, 0.2161,
0.2620

84.4252, 0.2971,
0.3214

43.7829, 0.2077,
0.2507

92.9620, 0.3126,
0.3289

■ 40.2861, 0.2014,
0.2396

■ 98.9958, 0.3174,
0.3359

■ 37.2240, 0.1969,
0.2287

■ 99.4973, 0.3173,
0.3366

Harmonies

Analogous

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



63.1541, 0.2582, 0.3211



63.1541, 0.2520, 0.2943



63.1541, 0.2609, 0.2787

Triad

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



63.1541, 0.2520, 0.2943



63.1541, 0.3468, 0.3066



63.1541, 0.3405, 0.3871

Complementary

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



63.1541, 0.2520, 0.2943



53.3785, 0.4016, 0.3606

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.



63.1541, 0.3661, 0.3794



63.1541, 0.2520, 0.2943



63.1541, 0.3703, 0.3325

Square

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



63.1541, 0.2520, 0.2943



63.1541, 0.3145, 0.2865



63.1541, 0.3774, 0.3589



63.1541, 0.3083, 0.3774

Rectangle

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



63.1541, 0.2520, 0.2943



63.1541, 0.2745, 0.2756



63.1541, 0.3774, 0.3589



63.1541, 0.3502, 0.3864

Sweetspot

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



63.1565, 0.2520, 0.2943



89.0602, 0.2941, 0.3199



75.9747, 0.2926, 0.4168



18.8226, 0.2921, 0.3188



0.0000, 0.0000, 0.0000



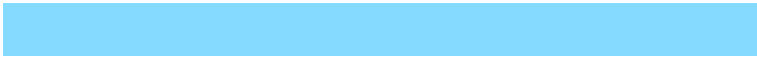
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1565, 0.2520, 0.2943



62.8967, 0.2411, 0.2861



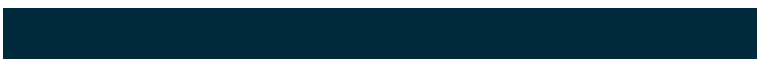
41.5627, 0.2423, 0.2327



17.8892, 0.2980, 0.3219



19.9387, 0.1974, 0.2305



1.9297, 0.2012, 0.2443

Inverse Universe

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



46.0242, 0.3431, 0.2563



43.0462, 0.3513, 0.2425



76.0809, 0.3809, 0.4094



16.6806, 0.3183, 0.3124



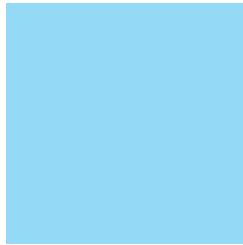
12.1122, 0.4121, 0.2044



1.0824, 0.3979, 0.1966

Previews

White Background



This preview shows how the Yxy color 63.1541, 0.2520, 0.2943 looks on a white background.

Color Contrast Check

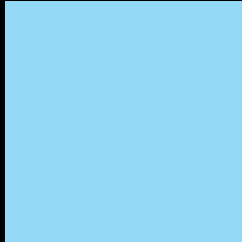
Large Text (above 18pt) WCAG AA × Fail

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 63.1541, 0.2520, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

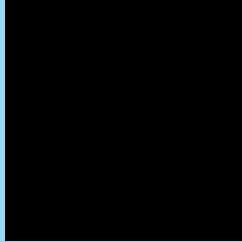
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1541, 0.2520, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 63.1541, 0.2520, 0.2943.

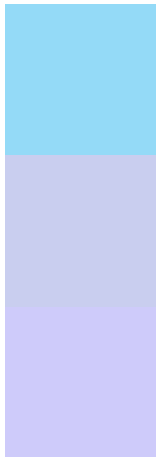


This preview shows how white text looks on a background with the Yxy color 63.1541, 0.2520, 0.2943.

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

63.1541, 0.2520, 0.2943

Protanopia

62.7921, 0.2871, 0.2920

Deuteranopia

62.7358, 0.2835, 0.2776



Tritanopia

63.3206, 0.2558, 0.3082

Trichromacy



Original Color

63.1541, 0.2520, 0.2943

Protanomaly

62.4491, 0.2730, 0.2921

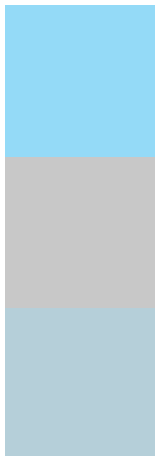
Deuteranomaly

62.2656, 0.2707, 0.2825

Tritanomaly

63.1249, 0.2541, 0.3023

Monochromacy



Original Color

63.1541, 0.2520, 0.2943

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.4592, 0.2872, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1541, 0.2520, 0.2943 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(148, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(148, 218, 247)  
}
```

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(148, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 218, 247) }
```

Border

The CSS property to change the border of an element to Yxy 63.1541, 0.2520, 0.2943 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(148, 218, 247) }
```

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

```
.border{ border-color:rgb(148, 218, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 218, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(148, 218,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1541, 0.2520, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 218, 247) }
```

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

```
.background{ background-color: rgb(148,  
218, 247) }
```

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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