

Converting Colors

$Yxy(62.6460, 0.2534, 0.2874)$

Have a look what the booklet for
Yxy(62.6460, 0.2534, 0.2874)
contains.

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Color

Yxy(62.5345, 0.2531, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	9BD7FB
RGB	155, 215, 251
RGB Percent	61%, 84%, 98%
CMY	0.3923, 0.1568, 0.0156
CMYK	0.38, 0.14, 0.00, 0.02
HSL	202°, 92%, 80%
HSV	202°, 38%, 98%
XYZ	55.2250, 62.5345, 100.4349
YIQ	201.1640, -47.3160, -1.5240

Conversions

Conversions Part 2

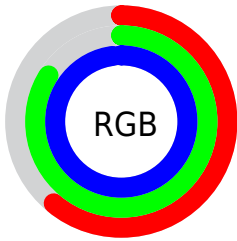
Format	Color
R _{YB}	155, 192, 251
Decimal	10213371
CIE _{Lab}	83.20, -10.35, -23.66
CIE _{LCh}	83, 25.823, 246.374
Yxy	62.5345, 0.2531, 0.2866
Android (android.graphics.Color)	4288403451 (0xFF9BD7FB)
YUV	201.1640, 24.5691, -40.4858
Hunter-Lab	79.0788, -13.7316, -19.9468

Details

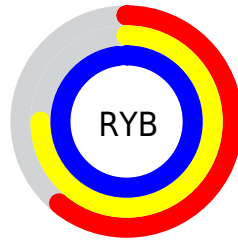
The Yxy color **62.5345, 0.2531, 0.2866** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1185, 0.3931, 0.3674**, and the grayscale version is **58.3786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.6893, 0.2390, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **55.6526, 0.2385, 0.2732**, and if you desaturate by 10%, it is **70.2129, 0.2685, 0.2991**.

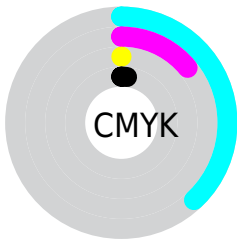
Distribution



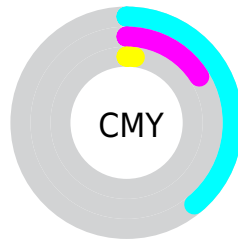
- Red (61%)
- Green (84%)
- Blue (98%)



- Red (61%)
- Yellow (75%)
- Blue (98%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5345, 0.2531, 0.2866 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 62.5345, 0.2531, 0.2866 by changing the saturation by 10% instead.

■ 62.5345, 0.2531,
0.2866

■ 62.5345, 0.2531,
0.2866

433.8781, 0.2808,
0.3069

■ 45.4647, 0.2468,
0.2818

■ 108.4977, 0.2627,
0.2938

■ 31.8236, 0.2391,
0.2759

■ 138.1598, 0.2664,
0.2965

■ 21.2268, 0.2293,
0.2682

172.7883, 0.2696,
0.2989

■ 13.2899, 0.2167,
0.2581

212.7674, 0.2724,
0.3009

■ 7.6285, 0.1997,
0.2442

258.4815, 0.2749,
0.3027

■ 3.8582, 0.1761,
0.2239

310.3151, 0.2771,

■ 1.5945, 0.1415,

0.3043

368.6525, 0.2790,
0.3057

0.1926

0.3539, 0.0286,
0.1210

0.0000, 0.0000,
0.0000

62.5345, 0.2531,
0.2866

62.5345, 0.2531,
0.2866

55.6526, 0.2385,
0.2732

70.2129, 0.2685,
0.2991

49.5230, 0.2250,
0.2592

78.7144, 0.2842,
0.3106

44.1077, 0.2131,
0.2446

88.0730, 0.2999,
0.3211

39.3610, 0.2031,
0.2300

98.2501, 0.3151,
0.3306

■ 35.2297, 0.1952,
0.2154

■ 99.7458, 0.3150,
0.3328

■ 31.6417, 0.1895,
0.2012

■ 31.0587, 0.1886,
0.1988

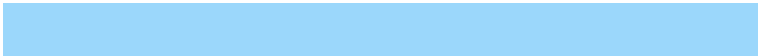
Harmonies

Analogous

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



62.5345, 0.2536, 0.3099



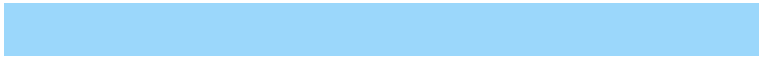
62.5345, 0.2531, 0.2866



62.5345, 0.2674, 0.2758

Triad

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



62.5345, 0.2531, 0.2866



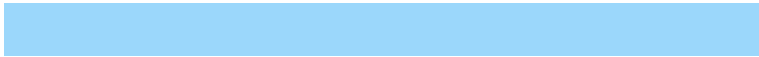
62.5345, 0.3575, 0.3157



62.5345, 0.3289, 0.3861

Complementary

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



62.5345, 0.2531, 0.2866



60.1185, 0.3931, 0.3674

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.



62.5345, 0.3583, 0.3846



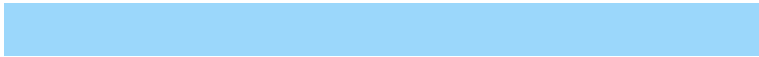
62.5345, 0.2531, 0.2866



62.5345, 0.3756, 0.3427

Square

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



62.5345, 0.2531, 0.2866



62.5345, 0.3270, 0.2928



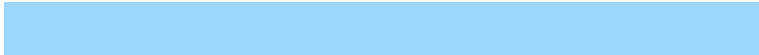
62.5345, 0.3757, 0.3679



62.5345, 0.2963, 0.3698

Rectangle

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



62.5345, 0.2531, 0.2866



62.5345, 0.2841, 0.2761



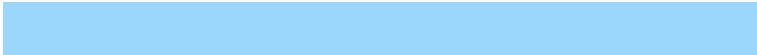
62.5345, 0.3757, 0.3679



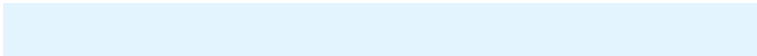
62.5345, 0.3395, 0.3876

Sweetspot

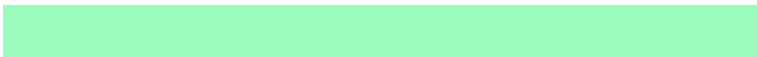
The Sweet Spot groups the original color and five complimentary colors.



62.5369, 0.2531, 0.2866



88.5379, 0.2956, 0.3184



79.6911, 0.2892, 0.4021



18.6649, 0.2935, 0.3170



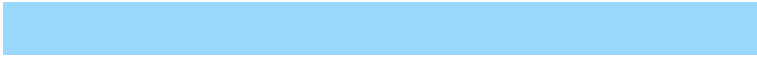
0.0000, 0.0000, 0.0000



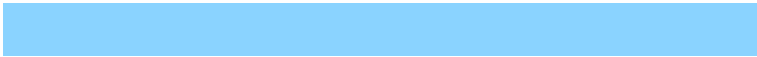
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5369, 0.2531, 0.2866



59.2054, 0.2417, 0.2763



41.8479, 0.2443, 0.2278



18.4514, 0.2980, 0.3199



16.6131, 0.1892, 0.2011



1.7422, 0.1939, 0.2181

Inverse Universe

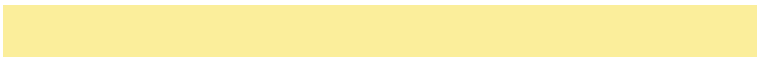
The Inverse Universe completely reimagines the original color for something new.



48.8463, 0.3485, 0.2669



44.0561, 0.3587, 0.2547



84.1444, 0.3748, 0.4131



17.4078, 0.3196, 0.3143



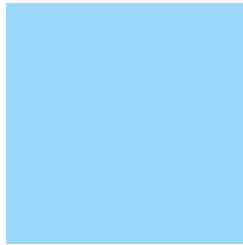
12.0880, 0.4440, 0.2220



1.1401, 0.4253, 0.2117

Previews

White Background



This preview shows how the Yxy color 62.5345, 0.2531, 0.2866 looks on a white background.

Color Contrast Check

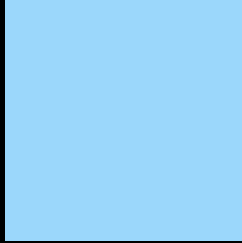
Large Text (above 18pt) WCAG AA × Fail

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 62.5345, 0.2531, 0.2866 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

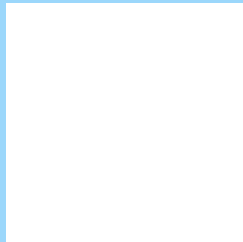
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5345, 0.2531, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 62.5345, 0.2531, 0.2866.

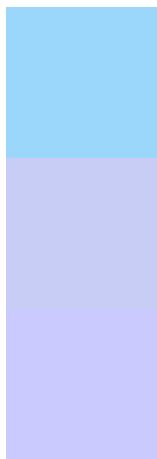


This preview shows how white text looks on a background with the Yxy color 62.5345, 0.2531, 0.2866.

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

62.5345, 0.2531, 0.2866

Protanopia

62.3364, 0.2825, 0.2854

Deuteranopia

62.0933, 0.2790, 0.2722



Tritanopia

62.7203, 0.2596, 0.3083

Trichromacy



Original Color

62.5345, 0.2531, 0.2866

Protanomaly

62.3836, 0.2707, 0.2856

Deuteranomaly

62.1566, 0.2689, 0.2772

Tritanomaly

62.6520, 0.2569, 0.3001

Monochromacy



Original Color

62.5345, 0.2531, 0.2866

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4474, 0.2880, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5345, 0.2531, 0.2866 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(155, 215, 251)` looks like.

```
.text, #text, p{  
    color:rgb(155, 215, 251)  
}
```

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(155, 215, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 215, 251) }
```

Border

The CSS property to change the border of an element to Yxy 62.5345, 0.2531, 0.2866 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(155, 215, 251) }
```

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

```
.border{ border-color:rgb(155, 215, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 215, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 215, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 215, 251);  
box-shadow:4px 4px 4px 4px rgb(155, 215,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5345, 0.2531, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 215, 251) }
```

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

```
.background{ background-color: rgb(155,  
215, 251) }
```

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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