

Converting Colors

$Yxy(63.0461, 0.2542, 0.2904)$

Have a look what the booklet for
Yxy(63.0461, 0.2542, 0.2904)
contains.

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Color

Yxy(62.9198, 0.2543, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	9BD8F9
RGB	155, 216, 249
RGB Percent	61%, 85%, 98%
CMY	0.3921, 0.1529, 0.0235
CMYK	0.38, 0.13, 0.00, 0.02
HSL	201°, 89%, 79%
HSV	201°, 38%, 98%
XYZ	55.1742, 62.9198, 98.8709
YIQ	201.5230, -46.9490, -2.6690

Conversions

Conversions Part 2

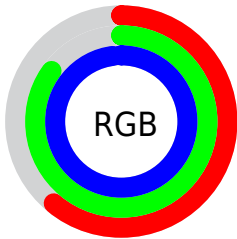
Format	Color
R _Y B	155, 192, 249
Decimal	10213625
CIE Lab	83.40, -11.35, -22.29
CIE LCh	83, 25.017, 243.011
Yxy	62.9198, 0.2543, 0.2900
Android (android.graphics.Color)	4288403705 (0xFF9BD8F9)
YUV	201.5230, 23.4062, -40.8007
Hunter-Lab	79.3220, -14.6539, -18.3766

Details

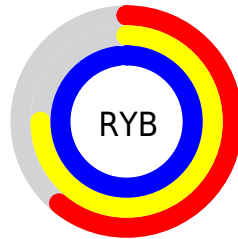
The Yxy color **62.9198, 0.2543, 0.2900** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.4836, 0.3925, 0.3645**, and the grayscale version is **58.6260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **31.9482, 0.2405, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **56.3449, 0.2399, 0.2776**, and if you desaturate by 10%, it is **70.2461, 0.2695, 0.3016**.

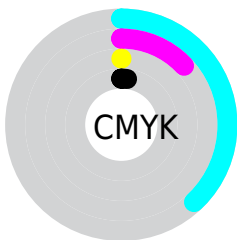
Distribution



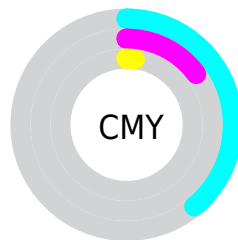
- Red (61%)
- Green (85%)
- Blue (98%)



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



- Cyan (38%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)





- Cyan (39%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9198, 0.2543, 0.2900 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 62.9198, 0.2543, 0.2900 by changing the saturation by 10% instead.


 62.9198, 0.2543,
0.2900


 62.9198, 0.2543,
0.2900


435.2784, 0.2814,
0.3088

 45.7763, 0.2481,
0.2856

 109.0538, 0.2637,
0.2966

 32.0694, 0.2405,
0.2800


 138.8131, 0.2673,
0.2992

 21.4145, 0.2310,
0.2729


173.5465, 0.2705,
0.3014

 13.4273, 0.2186,
0.2635

213.6384, 0.2732,
0.3032

 7.7234, 0.2019,
0.2504

259.4731, 0.2756,
0.3049

 3.9185, 0.1786,
0.2313

311.4351, 0.2778,

 1.6281, 0.1444,

0.3063

0.2013

369.9087, 0.2797,
0.3076

0.3764, 0.0286,
0.1338

0.0000, 0.0000,
0.0000

62.9198, 0.2543,
0.2900

62.9198, 0.2543,
0.2900

56.3449, 0.2399,
0.2776

70.2461, 0.2695,
0.3016

50.4789, 0.2267,
0.2645

78.3487, 0.2851,
0.3123

45.2855, 0.2150,
0.2510

87.2602, 0.3007,
0.3221

40.7212, 0.2053,
0.2373

97.0090, 0.3162,
0.3309

■ 36.7353, 0.1977,
0.2237

■ 99.6205, 0.3162,
0.3347

■ 33.2610, 0.1921,
0.2104

■ 32.5296, 0.1910,
0.2074

Harmonies

Analogous

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



62.9198, 0.2565, 0.3137



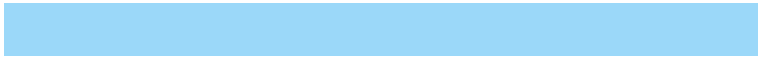
62.9198, 0.2543, 0.2900



62.9198, 0.2667, 0.2780

Triad

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



62.9198, 0.2543, 0.2900



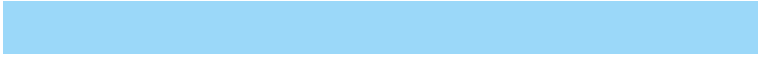
62.9198, 0.3531, 0.3134



62.9198, 0.3320, 0.3848

Complementary

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



62.9198, 0.2543, 0.2900



58.4836, 0.3925, 0.3645

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.



62.9198, 0.3594, 0.3816



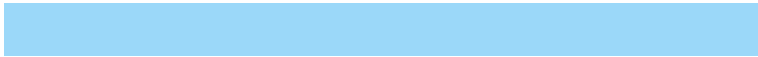
62.9198, 0.2543, 0.2900



62.9198, 0.3724, 0.3394

Square

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



62.9198, 0.2543, 0.2900



62.9198, 0.3230, 0.2918



62.9198, 0.3745, 0.3643



62.9198, 0.3003, 0.3709

Rectangle

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



62.9198, 0.2543, 0.2900



62.9198, 0.2820, 0.2773



62.9198, 0.3745, 0.3643



62.9198, 0.3420, 0.3856

Sweetspot

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



62.9222, 0.2543, 0.2900



88.9382, 0.2956, 0.3190



78.3569, 0.2903, 0.4029



18.7605, 0.2935, 0.3177



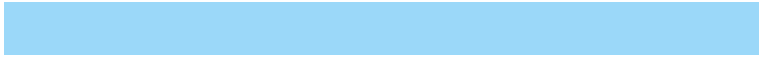
0.0000, 0.0000, 0.0000



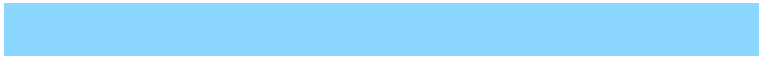
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9222, 0.2543, 0.2900



61.2671, 0.2437, 0.2810



42.2251, 0.2457, 0.2314



18.5226, 0.2980, 0.3205



17.6871, 0.1916, 0.2096



1.8371, 0.1960, 0.2255

Inverse Universe

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



48.5448, 0.3458, 0.2656



44.9804, 0.3546, 0.2537



81.8767, 0.3744, 0.4106



17.4150, 0.3192, 0.3137



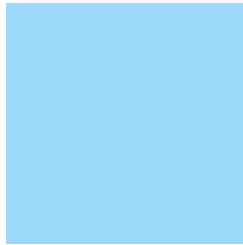
12.1964, 0.4346, 0.2168



1.1497, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 62.9198, 0.2543, 0.2900 looks on a white background.

Color Contrast Check

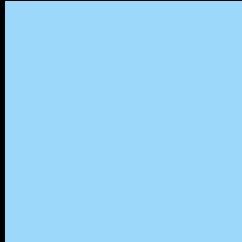
Large Text (above 18pt) WCAG AA × Fail

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 62.9198, 0.2543, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

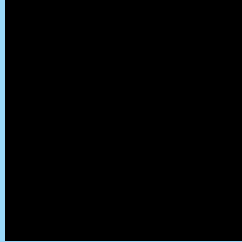
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9198, 0.2543, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 62.9198, 0.2543, 0.2900.

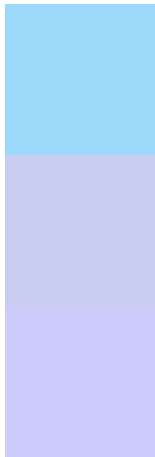


This preview shows how white text looks on a background with the Yxy color 62.9198, 0.2543, 0.2900.

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

62.9198, 0.2543, 0.2900

Protanopia

62.3528, 0.2845, 0.2876

Deuteranopia

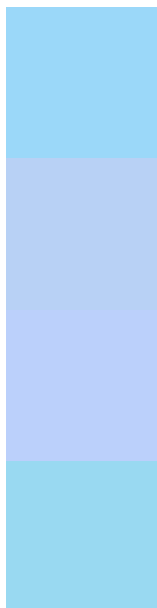
62.7193, 0.2816, 0.2755



Tritanopia

62.8743, 0.2597, 0.3071

Trichromacy



Original Color

62.9198, 0.2543, 0.2900

Protanomaly

62.3838, 0.2724, 0.2878

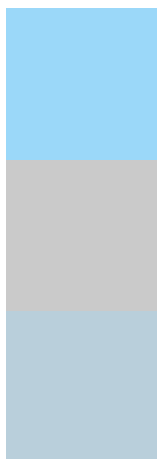
Deuteranomaly

62.6416, 0.2708, 0.2806

Tritanomaly

62.7489, 0.2575, 0.3001

Monochromacy



Original Color

62.9198, 0.2543, 0.2900

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.0544, 0.2887, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9198, 0.2543, 0.2900 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, 216, 249)` looks like.

```
.text, #text, p{  
    color:rgb(155, 216, 249)  
}
```

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, 216, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 216, 249) }
```

Border

The CSS property to change the border of an element to Yxy 62.9198, 0.2543, 0.2900 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, 216, 249) }
```

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

```
.border{ border-color:rgb(155, 216, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 216, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 216, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 216, 249);  
box-shadow:4px 4px 4px 4px rgb(155, 216,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9198, 0.2543, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 216, 249) }
```

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

```
.background{ background-color: rgb(155,  
216, 249) }
```

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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