

Converting Colors

Yxy(62.1623, 0.2542, 0.2868)

Have a look what the booklet for
Yxy(62.1623, 0.2542, 0.2868)
contains.

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Color

Yxy(62.0632, 0.2540, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	9CD6FA
RGB	156, 214, 250
RGB Percent	61%, 84%, 98%
CMY	0.3880, 0.1608, 0.0195
CMYK	0.38, 0.14, 0.00, 0.02
HSL	203°, 90%, 80%
HSV	203°, 38%, 98%
XYZ	55.0229, 62.0632, 99.5394
YIQ	200.7620, -46.1240, -1.1000

Conversions

Conversions Part 2

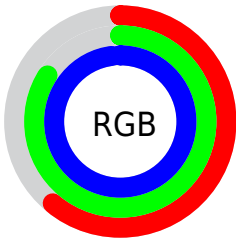
Format	Color
RYB	156, 192, 250
Decimal	10278650
CIELab	82.95, -9.78, -23.51
CIELCh	83, 25.463, 247.409
Yxy	62.0632, 0.2540, 0.2865
Android (android.graphics.Color)	4288468730 (0xFF9CD6FA)
YUV	200.7620, 24.2743, -39.2563
Hunter-Lab	78.7802, -13.1947, -19.7672

Details

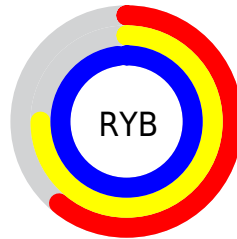
The Yxy color **62.0632, 0.2540, 0.2865** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.4703, 0.3908, 0.3675**, and the grayscale version is **58.1309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **31.4132, 0.2405, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **55.1107, 0.2392, 0.2729**, and if you desaturate by 10%, it is **69.8195, 0.2695, 0.2992**.

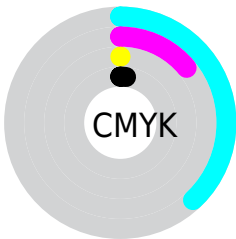
Distribution



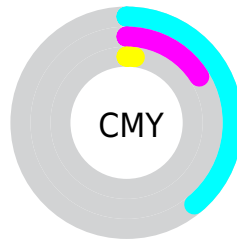
- Red (61%)
- Green (84%)
- Blue (98%)



- 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 62.0632, 0.2540, 0.2865 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 62.0632, 0.2540, 0.2865 by changing the saturation by 10% instead.

 62.0632, 0.2540,
0.2865

 62.0632, 0.2540,
0.2865

432.1616, 0.2813,
0.3069

 45.0838, 0.2478,
0.2817


 107.8169, 0.2635,
0.2937

 31.5234, 0.2401,
0.2757


 137.3599, 0.2672,
0.2965

 20.9977, 0.2304,
0.2680


171.8596, 0.2703,
0.2988

 13.1223, 0.2179,
0.2579

211.7003, 0.2731,
0.3009

 7.5129, 0.2010,
0.2439

257.2665, 0.2755,
0.3027

 3.7848, 0.1775,
0.2235

308.9425, 0.2777,

 1.5540, 0.1428,

0.3042

0.1919

367.1127, 0.2796,
0.3056

■ 0.3263, 0.0254,
0.1161

■ 0.0000, 0.0000,
0.0000

■ 62.0632, 0.2540,
0.2865

■ 62.0632, 0.2540,
0.2865

■ 55.1107, 0.2392,
0.2729

■ 69.8195, 0.2695,
0.2992

■ 48.9183, 0.2255,
0.2585

■ 78.4063, 0.2852,
0.3110

■ 43.4482, 0.2134,
0.2436

■ 87.8573, 0.3010,
0.3216

■ 38.6551, 0.2031,
0.2286

■ 97.9989, 0.3157,
0.3312

■ 34.4867, 0.1950,
0.2137

■ 99.6835, 0.3156,
0.3338

■ 30.8754, 0.1890,
0.1991

■ 30.0627, 0.1877,
0.1957

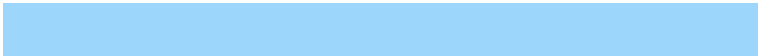
Harmonies

Analogous

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



62.0632, 0.2540, 0.3092



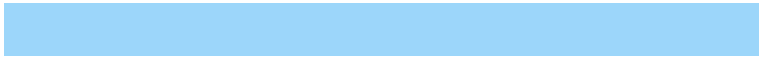
62.0632, 0.2540, 0.2865



62.0632, 0.2687, 0.2762

Triad

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



62.0632, 0.2540, 0.2865



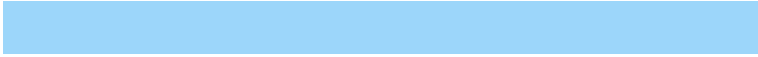
62.0632, 0.3578, 0.3168



62.0632, 0.3277, 0.3851

Complementary

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



62.0632, 0.2540, 0.2865



60.4703, 0.3908, 0.3675

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.



62.0632, 0.3569, 0.3843



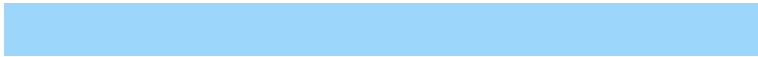
62.0632, 0.2540, 0.2865



62.0632, 0.3752, 0.3435

Square

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



62.0632, 0.2540, 0.2865



62.0632, 0.3280, 0.2938



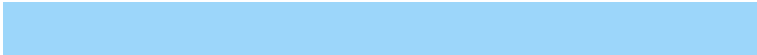
62.0632, 0.3747, 0.3683



62.0632, 0.2954, 0.3685

Rectangle

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



62.0632, 0.2540, 0.2865



62.0632, 0.2854, 0.2768



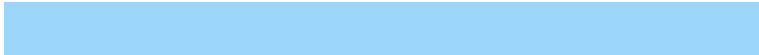
62.0632, 0.3747, 0.3683



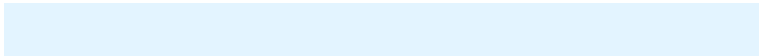
62.0632, 0.3382, 0.3868

Sweetspot

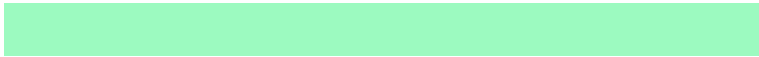
The Sweet Spot groups the original color and five complimentary colors.



62.0656, 0.2540, 0.2865



88.3908, 0.2956, 0.3181



79.2685, 0.2888, 0.3985



18.6298, 0.2935, 0.3167



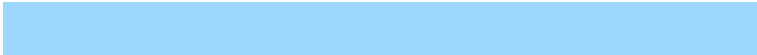
0.0000, 0.0000, 0.0000



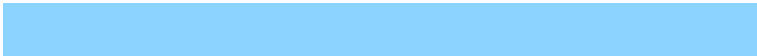
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0656, 0.2540, 0.2865



59.4038, 0.2429, 0.2764



41.6230, 0.2454, 0.2280



18.4252, 0.2980, 0.3197



16.2300, 0.1884, 0.1980



1.7082, 0.1932, 0.2153

Inverse Universe

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



48.9797, 0.3484, 0.2689



44.7923, 0.3583, 0.2572



84.4988, 0.3731, 0.4130



17.4051, 0.3197, 0.3145



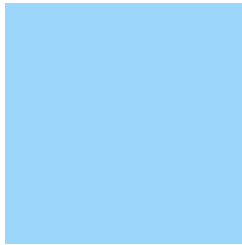
12.0493, 0.4475, 0.2239



1.1367, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 62.0632, 0.2540, 0.2865 looks on a white background.

Color Contrast Check

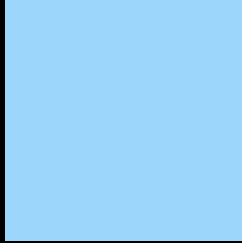
Large Text (above 18pt) WCAG AA × Fail

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 62.0632, 0.2540, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

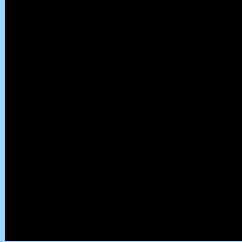
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0632, 0.2540, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 62.0632, 0.2540, 0.2865.

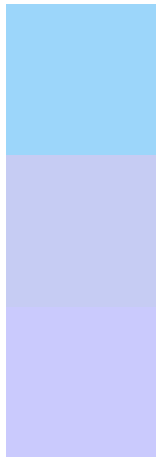


This preview shows how white text looks on a background with the Yxy color 62.0632, 0.2540, 0.2865.

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

62.0632, 0.2540, 0.2865

Protanopia

61.6626, 0.2824, 0.2852

Deuteranopia

61.8895, 0.2789, 0.2731



Tritanopia

62.2416, 0.2605, 0.3082

Trichromacy



Original Color

62.0632, 0.2540, 0.2865

Protanomaly

61.8329, 0.2711, 0.2855

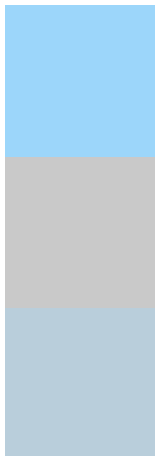
Deuteranomaly

61.4852, 0.2687, 0.2770

Tritanomaly

62.1753, 0.2578, 0.3000

Monochromacy



Original Color

62.0632, 0.2540, 0.2865

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5714, 0.2887, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0632, 0.2540, 0.2865 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(156, 214, 250)` looks like.

```
.text, #text, p{  
    color:rgb(156, 214, 250)  
}
```

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(156, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 214, 250) }
```

Border

The CSS property to change the border of an element to Yxy 62.0632, 0.2540, 0.2865 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(156, 214, 250) }
```

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

```
.border{ border-color:rgb(156, 214, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 214, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(156, 214,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0632, 0.2540, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 214, 250) }
```

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

```
.background{ background-color: rgb(156,  
214, 250) }
```

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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