

Converting Colors

$Yxy(62.0001, 0.2499, 0.2807)$

Have a look what the booklet for
Yxy(62.0001, 0.2499, 0.2807)
contains.

Yxy(62.0854, 0.2499, 0.2809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.0854, 0.2499, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	99D6FF
RGB	153, 214, 255
RGB Percent	60%, 84%, 100%
CMY	0.4001, 0.1608, 0.0000
CMYK	0.40, 0.16, 0.00, 0.00
HSL	204°, 100%, 80%
HSV	204°, 40%, 100%
XYZ	55.2337, 62.0854, 103.7041
YIQ	200.4350, -49.5170, -0.1810

Conversions

Conversions Part 2

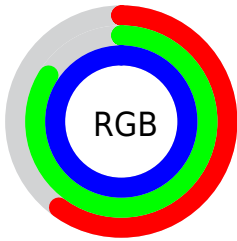
Format	Color
R _Y B	153, 191, 255
Decimal	10082047
CIE Lab	82.96, -9.30, -26.16
CIE LCh	83, 27.763, 250.427
Yxy	62.0854, 0.2499, 0.2809
Android (android.graphics.Color)	4288272127 (0xFF99D6FF)
YUV	200.4350, 26.9005, -41.6005
Hunter-Lab	78.7943, -12.7640, -22.8777

Details

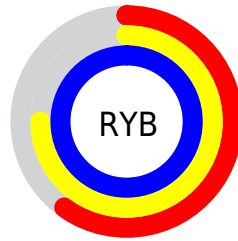
The Yxy color **62.0854, 0.2499, 0.2809** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.1321, 0.3968, 0.3720**, and the grayscale version is **57.8921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **31.4149, 0.2353, 0.2686** is the 20% darker color. If you saturate the color by 10%, you get **54.8397, 0.2351, 0.2664**, and if you desaturate by 10%, it is **70.1885, 0.2654, 0.2946**.

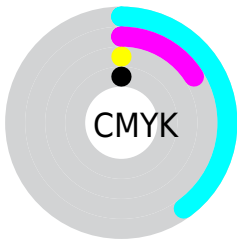
Distribution



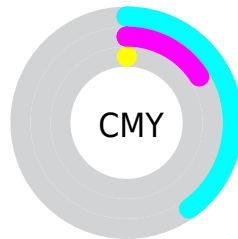
- Red (60%)
- Green (84%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0854, 0.2499, 0.2809 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 62.0854, 0.2499, 0.2809 by changing the saturation by 10% instead.


 62.0854, 0.2499,
0.2809

 62.0854, 0.2499,
0.2809

432.2425, 0.2790,
0.3039

 45.1017, 0.2433,
0.2755


 107.8489, 0.2600,
0.2890

 31.5375, 0.2352,
0.2689


 137.3976, 0.2639,
0.2921

 21.0085, 0.2249,
0.2603


171.9033, 0.2673,
0.2947

 13.1302, 0.2117,
0.2491

211.7506, 0.2703,
0.2971

 7.5183, 0.1941,
0.2338

257.3238, 0.2728,
0.2991

 3.7883, 0.1697,
0.2118

309.0072, 0.2751,

 1.5559, 0.1344,

0.3009

0.1784

367.1853, 0.2772,
0.3024

■ 0.3276, 0.0265,
0.1028

■ 0.0000, 0.0000,
0.0000

■ 62.0854, 0.2499,
0.2809

■ 62.0854, 0.2499,
0.2809

■ 54.8397, 0.2351,
0.2664

■ 70.1885, 0.2654,
0.2946

■ 48.4098, 0.2215,
0.2511

■ 79.1844, 0.2813,
0.3072

■ 42.7522, 0.2095,
0.2353

■ 89.1080, 0.2972,
0.3187

■ 37.8170, 0.1995,
0.2195

99.9913, 0.3127,
0.3290

■ 33.5457, 0.1916,
0.2039

100.0000, 0.3127,
0.3290

■ 29.8493, 0.1858,
0.1889

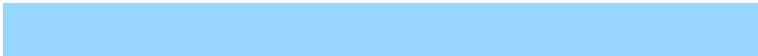
Harmonies

Analogous

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



62.0854, 0.2483, 0.3042



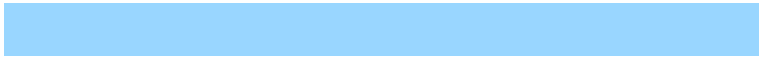
62.0854, 0.2499, 0.2809



62.0854, 0.2672, 0.2714

Triad

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



62.0854, 0.2499, 0.2809



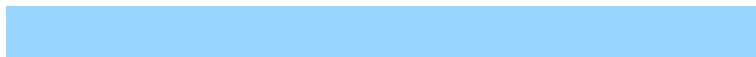
62.0854, 0.3646, 0.3184



62.0854, 0.3253, 0.3895

Complementary

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



62.0854, 0.2499, 0.2809



62.1321, 0.3968, 0.3720

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.



62.0854, 0.3580, 0.3902



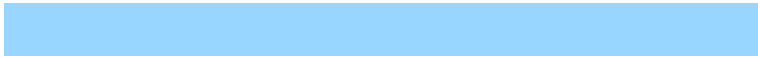
62.0854, 0.2499, 0.2809



62.0854, 0.3818, 0.3475

Square

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



62.0854, 0.2499, 0.2809



62.0854, 0.3329, 0.2930



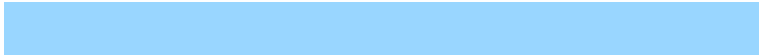
62.0854, 0.3791, 0.3738



62.0854, 0.2905, 0.3695

Rectangle

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



62.0854, 0.2499, 0.2809



62.0854, 0.2861, 0.2731



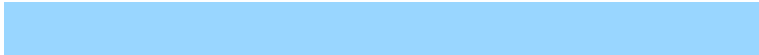
62.0854, 0.3791, 0.3738



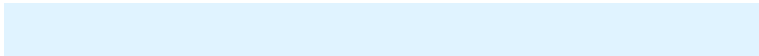
62.0854, 0.3369, 0.3919

Sweetspot

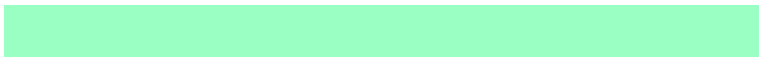
The Sweet Spot groups the original color and five complimentary colors.



62.0859, 0.2499, 0.2809



87.0553, 0.2940, 0.3165



82.1759, 0.2866, 0.4019



18.3497, 0.2919, 0.3150



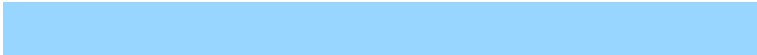
0.0000, 0.0000, 0.0000



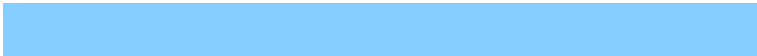
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0859, 0.2499, 0.2809



56.2276, 0.2380, 0.2693



40.2496, 0.2400, 0.2180



19.1850, 0.2979, 0.3192



15.8973, 0.1865, 0.1914



1.7621, 0.1913, 0.2086

Inverse Universe

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



48.8914, 0.3533, 0.2667



42.3730, 0.3649, 0.2548



88.7419, 0.3765, 0.4198



18.1695, 0.3200, 0.3149



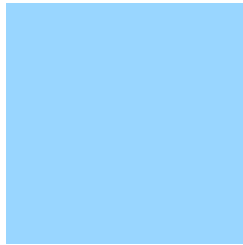
12.3328, 0.4552, 0.2281



1.2224, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 62.0854, 0.2499, 0.2809 looks on a white background.

Color Contrast Check

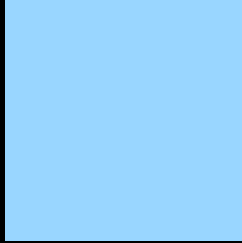
Large Text (above 18pt) WCAG AA × Fail

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 62.0854, 0.2499, 0.2809 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 62.0854, 0.2499, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 62.0854, 0.2499, 0.2809.



This preview shows how white text looks on a background with the Yxy color 62.0854, 0.2499, 0.2809.

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

62.0854, 0.2499, 0.2809

Protanopia

61.6988, 0.2780, 0.2798

Deuteranopia

61.7404, 0.2764, 0.2709



Tritanopia

61.9198, 0.2579, 0.3069

Trichromacy



Original Color

62.0854, 0.2499, 0.2809

Protanomaly

61.7801, 0.2664, 0.2800

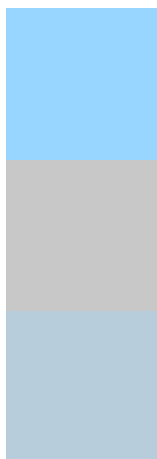
Deuteranomaly

61.4299, 0.2658, 0.2738

Tritanomaly

62.0066, 0.2552, 0.2976

Monochromacy



Original Color

62.0854, 0.2499, 0.2809

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8972, 0.2866, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0854, 0.2499, 0.2809 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(153, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 214, 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(153, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.0854, 0.2499, 0.2809 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(153, 214, 255) }
```

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

```
.border{ border-color:rgb(153, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0854, 0.2499, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 214, 255) }
```

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

```
.background{ background-color: rgb(153,  
214, 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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