

Converting Colors

$Yxy(62.8424, 0.2478, 0.2836)$

Have a look what the booklet for
Yxy(62.8424, 0.2478, 0.2836)
contains.

Yxy(62.6276, 0.2478, 0.2831)	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(62.6276, 0.2478, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	94D8FF
RGB	148, 216, 255
RGB Percent	58%, 85%, 100%
CMY	0.4194, 0.1529, 0.0001
CMYK	0.42, 0.15, 0.00, 0.00
HSL	202°, 100%, 79%
HSV	202°, 42%, 100%
XYZ	54.8185, 62.6276, 103.7747
YIQ	200.1140, -53.0470, -2.2870

Conversions

Conversions Part 2

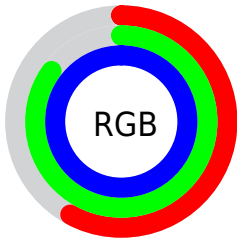
Format	Color
R _Y B	148, 190, 255
Decimal	9754879
CIE Lab	83.25, -11.59, -25.71
CIE LCh	83, 28.199, 245.738
Yxy	62.6276, 0.2478, 0.2831
Android (android.graphics.Color)	4287944959 (0xFF94D8FF)
YUV	200.1140, 27.0588, -45.7040
Hunter-Lab	79.1376, -14.8441, -22.3518

Details

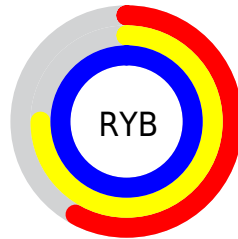
The Yxy color **62.6276, 0.2478, 0.2831** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.9339, 0.4039, 0.3700**, and the grayscale version is **57.6928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **31.7911, 0.2326, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **55.8809, 0.2337, 0.2698**, and if you desaturate by 10%, it is **70.1719, 0.2628, 0.2956**.

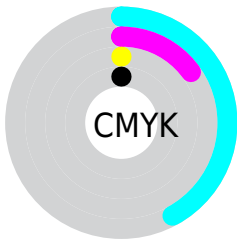
Distribution



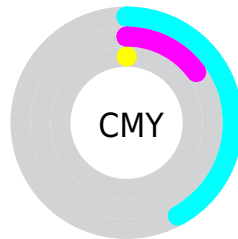
- Red (58%)
- Green (85%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (42%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6276, 0.2478, 0.2831 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 62.6276, 0.2478, 0.2831 by changing the saturation by 10% instead.


 62.6276, 0.2478,
0.2831

 62.6276, 0.2478,
0.2831


434.2167, 0.2778,
0.3051

 45.5400, 0.2410,
0.2779


 108.6321, 0.2582,
0.2909

 31.8830, 0.2327,
0.2715


 138.3177, 0.2622,
0.2938

 21.2721, 0.2222,
0.2633


172.9716, 0.2657,
0.2964

 13.3231, 0.2087,
0.2524

212.9779, 0.2688,
0.2986

 7.6514, 0.1907,
0.2375

258.7212, 0.2714,
0.3005

 3.8727, 0.1659,
0.2160

310.5859, 0.2738,

 1.6026, 0.1304,

0.3022

0.1832

368.9562, 0.2759,
0.3038

0.3594, 0.0184,
0.1124

0.0000, 0.0000,
0.0000

62.6276, 0.2478,
0.2831

62.6276, 0.2478,
0.2831

55.8809, 0.2337,
0.2698

70.1719, 0.2628,
0.2956

49.8855, 0.2209,
0.2560

78.5424, 0.2784,
0.3071

44.6002, 0.2098,
0.2418

87.7750, 0.2941,
0.3177

39.9757, 0.2007,
0.2276

97.9006, 0.3097,
0.3273

■ 35.9529, 0.1938,
0.2135

99.9976, 0.3127,
0.3290

■ 33.0786, 0.1896,
0.2025

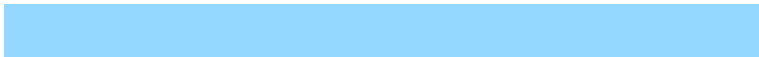
Harmonies

Analogous

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



62.6276, 0.2487, 0.3086



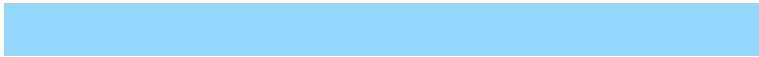
62.6276, 0.2478, 0.2831



62.6276, 0.2630, 0.2713

Triad

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



62.6276, 0.2478, 0.2831



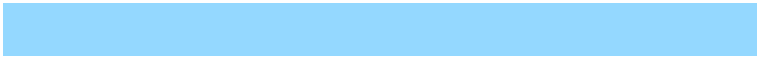
62.6276, 0.3610, 0.3139



62.6276, 0.3310, 0.3918

Complementary

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



62.6276, 0.2478, 0.2831



58.9339, 0.4039, 0.3700

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.



62.6276, 0.3628, 0.3894



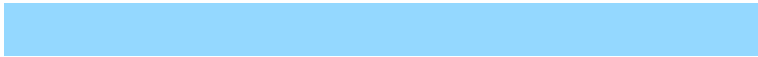
62.6276, 0.2478, 0.2831



62.6276, 0.3812, 0.3430

Square

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



62.6276, 0.2478, 0.2831



62.6276, 0.3275, 0.2892



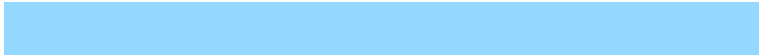
62.6276, 0.3817, 0.3707



62.6276, 0.2954, 0.3743

Rectangle

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



62.6276, 0.2478, 0.2831



62.6276, 0.2808, 0.2715



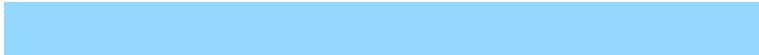
62.6276, 0.3817, 0.3707



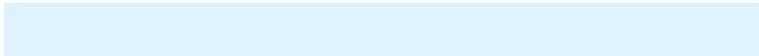
62.6276, 0.3425, 0.3932

Sweetspot

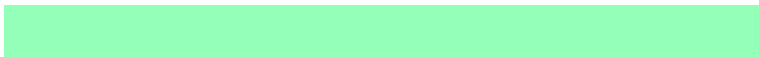
The Sweet Spot groups the original color and five complimentary colors.



62.6300, 0.2478, 0.2831



86.7795, 0.2925, 0.3166



81.3186, 0.2883, 0.4129



18.1263, 0.2890, 0.3144



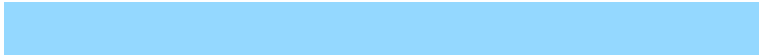
0.0000, 0.0000, 0.0000



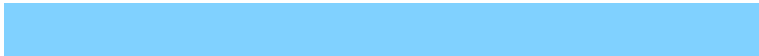
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6300, 0.2478, 0.2831



57.1463, 0.2363, 0.2725



40.0965, 0.2371, 0.2183



19.3030, 0.2980, 0.3201



17.5840, 0.1902, 0.2047



1.9202, 0.1946, 0.2205

Inverse Universe

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



47.4035, 0.3522, 0.2600



41.1489, 0.3629, 0.2475



85.0814, 0.3816, 0.4194



18.1814, 0.3194, 0.3140



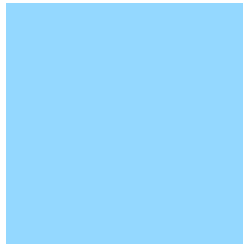
12.5031, 0.4400, 0.2197



1.2384, 0.4227, 0.2102

Previews

White Background



This preview shows how the Yxy color 62.6276, 0.2478, 0.2831 looks on a white background.

Color Contrast Check

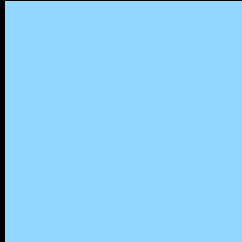
Large Text (above 18pt) WCAG AA × Fail

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 62.6276, 0.2478, 0.2831 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 62.6276, 0.2478, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 62.6276, 0.2478, 0.2831.



This preview shows how white text looks on a background with the Yxy color 62.6276, 0.2478, 0.2831.

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

62.6276, 0.2478, 0.2831

Protanopia

62.3838, 0.2800, 0.2822

Deuteranopia

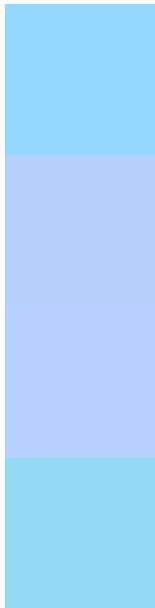
62.3494, 0.2771, 0.2721



Tritanopia

62.6171, 0.2546, 0.3069

Trichromacy



Original Color

62.6276, 0.2478, 0.2831

Protanomaly

62.2064, 0.2671, 0.2822

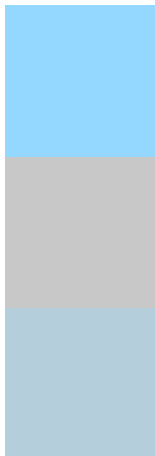
Deuteranomaly

62.2768, 0.2654, 0.2760

Tritanomaly

62.6942, 0.2520, 0.2976

Monochromacy



Original Color

62.6276, 0.2478, 0.2831

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.1337, 0.2853, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6276, 0.2478, 0.2831 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 216, 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(148, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.6276, 0.2478, 0.2831 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, 216, 255) }
```

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

```
.border{ border-color:rgb(148, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6276, 0.2478, 0.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 216, 255) }
```

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

```
.background{ background-color: rgb(148,  
216, 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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