

Converting Colors

$Yxy(60.2982, 0.2497, 0.2784)$

Have a look what the booklet for
Yxy(60.2982, 0.2497, 0.2784)
contains.

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Color

Yxy(60.4197, 0.2493, 0.2783)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 98D3FE |
| RGB | 152, 211, 254 |
| RGB Percent | 60%, 83%, 100% |
| CMY | 0.4041, 0.1725, 0.0040 |
| CMYK | 0.40, 0.17, 0.00, 0.00 |
| HSL | 205°, 98%, 80% |
| HSV | 205°, 40%, 100% |
| XYZ | 54.1237, 60.4197, 102.5593 |
| YIQ | 198.2610, -48.9670, 0.8650 |

Conversions

Conversions Part 2

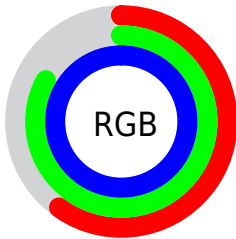
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 152, 189, 254 |
| Decimal | 10015742 |
| CIE Lab | 82.07, -8.27, -26.97 |
| CIE LCh | 82, 28.210, 252.962 |
| Yxy | 60.4197, 0.2493, 0.2783 |
| Android (android.graphics.Color) | 4288205822 (0xFF98D3FE) |
| YUV | 198.2610, 27.4793, -40.5709 |
| Hunter-Lab | 77.7301, -11.7376, -23.8179 |

Details

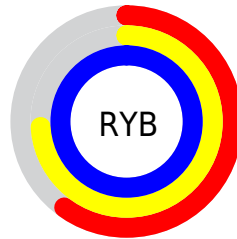
The Yxy color **60.4197, 0.2493, 0.2783** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3300, 0.3963, 0.3741**, and the grayscale version is **56.4868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **30.6320, 0.2346, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **53.0893, 0.2343, 0.2630**, and if you desaturate by 10%, it is **68.6331, 0.2650, 0.2927**.

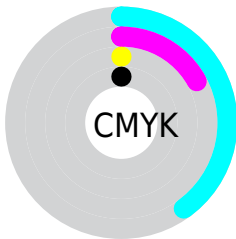
Distribution



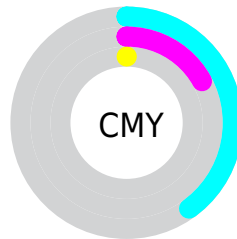
- Red (60%)
- Green (83%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- Blue (100%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4197, 0.2493, 0.2783 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 60.4197, 0.2493, 0.2783 by changing the saturation by 10% instead.

 60.4197, 0.2493,
0.2783


 60.4197, 0.2493,
0.2783


426.1430, 0.2788,
0.3025

 43.7570, 0.2426,
0.2726


 105.4383, 0.2596,
0.2868

 30.4795, 0.2343,
0.2656


 134.5629, 0.2635,
0.2901

 20.2028, 0.2238,
0.2566


168.6104, 0.2670,
0.2929

 12.5426, 0.2103,
0.2447

207.9650, 0.2700,
0.2954

 7.1143, 0.1922,
0.2285

253.0111, 0.2726,
0.2975

 3.5337, 0.1671,
0.2052

304.1333, 0.2749,

 1.4163, 0.1307,

0.2994

0.1700

361.7158, 0.2770,
0.3010

■ 0.2287, 0.0053,
0.0784

■ 0.0000, 0.0000,
0.0000

■ 60.4197, 0.2493,
0.2783

■ 60.4197, 0.2493,
0.2783

■ 53.0893, 0.2343,
0.2630

■ 68.6331, 0.2650,
0.2927

■ 46.5941, 0.2204,
0.2469

■ 77.7599, 0.2810,
0.3059

■ 40.8919, 0.2081,
0.2303

■ 87.8373, 0.2969,
0.3180

■ 35.9321, 0.1979,
0.2137

■ 98.8981, 0.3125,
0.3288

■ 31.6556, 0.1898,
0.1974

99.9346, 0.3133,
0.3300

■ 28.0276, 0.1839,
0.1820

Harmonies

Analogous

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



60.4197, 0.2462, 0.3010



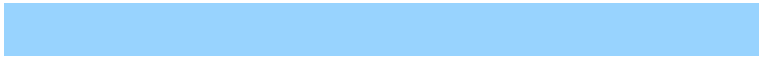
60.4197, 0.2493, 0.2783



60.4197, 0.2682, 0.2699

Triad

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



60.4197, 0.2493, 0.2783



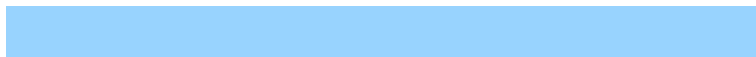
60.4197, 0.3681, 0.3206



60.4197, 0.3225, 0.3901

Complementary

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



60.4197, 0.2493, 0.2783



62.3300, 0.3963, 0.3741

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.



60.4197, 0.3565, 0.3925



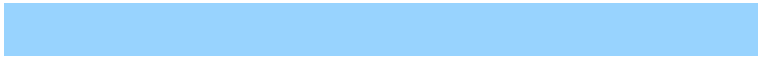
60.4197, 0.2493, 0.2783



60.4197, 0.3842, 0.3503

Square

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



60.4197, 0.2493, 0.2783



60.4197, 0.3365, 0.2941



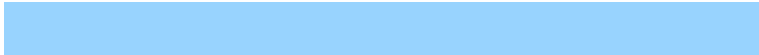
60.4197, 0.3796, 0.3768



60.4197, 0.2871, 0.3681

Rectangle

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



60.4197, 0.2493, 0.2783



60.4197, 0.2882, 0.2724



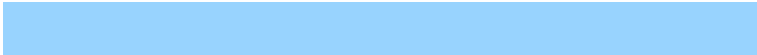
60.4197, 0.3796, 0.3768



60.4197, 0.3345, 0.3932

Sweetspot

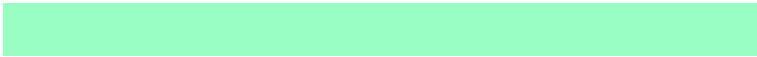
The Sweet Spot groups the original color and five complimentary colors.



60.4220, 0.2493, 0.2783



86.7028, 0.2940, 0.3159



81.4598, 0.2857, 0.4001



18.2667, 0.2919, 0.3143



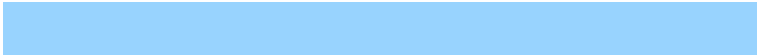
0.0000, 0.0000, 0.0000



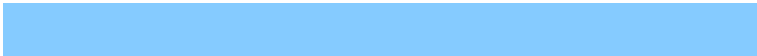
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4220, 0.2493, 0.2783



55.0995, 0.2374, 0.2663



39.1276, 0.2394, 0.2154



19.1244, 0.2979, 0.3187



15.0773, 0.1846, 0.1845



1.6844, 0.1896, 0.2025

Inverse Universe

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



48.2144, 0.3554, 0.2684



42.2591, 0.3674, 0.2570



88.9288, 0.3761, 0.4216



18.1634, 0.3203, 0.3153



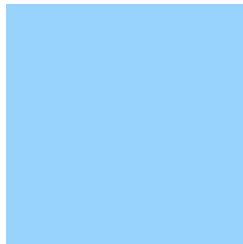
12.2500, 0.4632, 0.2325



1.2146, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 60.4197, 0.2493, 0.2783 looks on a white background.

Color Contrast Check

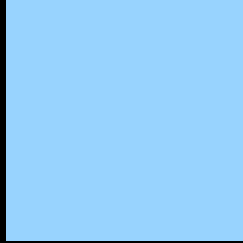
Large Text (above 18pt) WCAG AA × Fail

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 60.4197, 0.2493, 0.2783 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

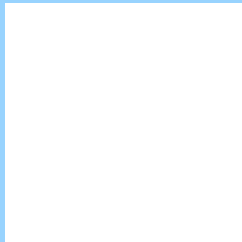
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4197, 0.2493, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 60.4197, 0.2493, 0.2783.



This preview shows how white text looks on a background with the Yxy color 60.4197, 0.2493, 0.2783.

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

60.4197, 0.2493, 0.2783

Protanopia

59.8261, 0.2764, 0.2771

Deuteranopia

60.2643, 0.2735, 0.2682



Tritanopia

60.5381, 0.2580, 0.3079

Trichromacy



Original Color

60.4197, 0.2493, 0.2783

Protanomaly

60.0297, 0.2654, 0.2773

Deuteranomaly

60.1090, 0.2637, 0.2711

Tritanomaly

60.6803, 0.2547, 0.2973

Monochromacy



Original Color

60.4197, 0.2493, 0.2783

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5976, 0.2864, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4197, 0.2493, 0.2783 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(152, 211, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 211, 254)  
}
```

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(152, 211, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 211, 254) }
```

Border

The CSS property to change the border of an element to Yxy 60.4197, 0.2493, 0.2783 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(152, 211, 254) }
```

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

```
.border{ border-color:rgb(152, 211, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 211, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 211, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 211, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 211,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4197, 0.2493, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 211, 254) }
```

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

```
.background{ background-color: rgb(152,  
211, 254) }
```

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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