

Converting Colors

$Yxy(43.7732, 0.2542, 0.2482)$

Have a look what the booklet for
Yxy(43.7732, 0.2542, 0.2482)
contains.

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Color

Yxy(43.7732, 0.2542, 0.2482)

Conversions

Conversions Part 1

Format	Color
Hex	9EAEFF
RGB	158, 174, 239
RGB Percent	62%, 68%, 94%
CMY	0.3800, 0.3177, 0.0627
CMYK	0.34, 0.27, 0.00, 0.06
HSL	228°, 72%, 78%
HSV	228°, 34%, 94%
XYZ	44.8314, 43.7732, 87.7580
YIQ	176.6260, -30.4010, 16.8230

Conversions

Conversions Part 2

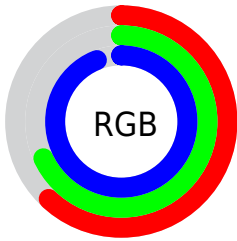
Format	Color
R _Y B	158, 171, 239
Decimal	10399471
CIE Lab	72.08, 9.57, -34.27
CIE LCh	72, 35.580, 285.603
Yxy	43.7732, 0.2542, 0.2482
Android (android.graphics.Color)	4288589551 (0xFF9EAEFF)
YUV	176.6260, 30.7504, -16.3350
Hunter-Lab	66.1613, 5.1706, -32.3308

Details

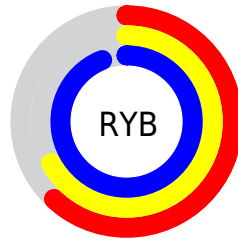
The Yxy color $43.7732, 0.2542, 0.2482$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $73.6704, 0.3689, 0.3985$, and the grayscale version is $43.6166, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5548, 0.2871, 0.3017$, and $20.2810, 0.2381, 0.2276$ is the 20% darker color. If you saturate the color by 10%, you get $34.6824, 0.2347, 0.2192$, and if you desaturate by 10%, it is $54.4002, 0.2730, 0.2751$.

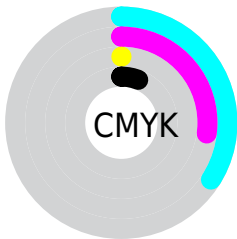
Distribution



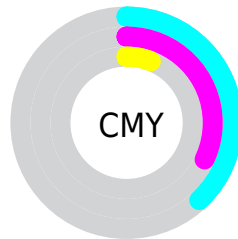
- Red (62%)
- Green (68%)
- Blue (94%)



- Red (62%)
- Yellow (67%)
- Blue (94%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (6%)





- Cyan (38%)
- Magenta (32%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7732, 0.2542, 0.2482 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 43.7732, 0.2542, 0.2482 by changing the saturation by 10% instead.


 43.7732, 0.2542,
0.2482

 43.7732, 0.2542,
0.2482


361.7820, 0.2833,
0.2872

 30.4922, 0.2471,
0.2390


 80.8764, 0.2647,
0.2620

 20.2125, 0.2381,
0.2276


 105.4673, 0.2686,
0.2673

 12.5496, 0.2265,
0.2129


134.5971, 0.2720,
0.2718

 7.1192, 0.2108,
0.1937

168.6501, 0.2749,
0.2757

 3.5367, 0.1889,
0.1676

208.0107, 0.2774,
0.2791

 1.4180, 0.1568,
0.1313

253.0633, 0.2796,

 0.2299, 0.1006,

0.2821

0.0511

304.1922, 0.2816,
0.2848

0.0000, 0.0000,
0.0000

43.7732, 0.2542,
0.2482

43.7732, 0.2542,
0.2482

34.6824, 0.2347,
0.2192

54.4002, 0.2730,
0.2751

27.0505, 0.2152,
0.1890

66.6258, 0.2907,
0.2996

20.8009, 0.1967,
0.1589

80.5148, 0.3069,
0.3213

15.8477, 0.1804,
0.1306

96.1273, 0.3215,
0.3404

12.0947, 0.1674,
0.1059

99.0129, 0.3220,
0.3444

■ 9.4308, 0.1584,
0.0863

■ 8.2591, 0.1547,
0.0770

Harmonies

Analogous

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



43.7732, 0.2273, 0.2566



43.7732, 0.2542, 0.2482



43.7732, 0.2982, 0.2583

Triad

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



43.7732, 0.2542, 0.2482



43.7732, 0.4139, 0.3599



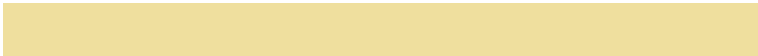
43.7732, 0.2723, 0.3811

Complementary

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



43.7732, 0.2542, 0.2482



73.6704, 0.3689, 0.3985

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.



43.7732, 0.3206, 0.4152



43.7732, 0.2542, 0.2482



43.7732, 0.4039, 0.3966

Square

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



43.7732, 0.2542, 0.2482



43.7732, 0.3939, 0.3197



43.7732, 0.3690, 0.4191



43.7732, 0.2367, 0.3307

Rectangle

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



43.7732, 0.2542, 0.2482



43.7732, 0.3328, 0.2738



43.7732, 0.3690, 0.4191



43.7732, 0.2875, 0.3953

Sweetspot

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



43.7749, 0.2542, 0.2482



83.0942, 0.2971, 0.3082



74.3387, 0.2729, 0.3480



17.3111, 0.2947, 0.3051



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.



43.7749, 0.2542, 0.2482



42.8620, 0.2400, 0.2272



40.7088, 0.2698, 0.2327



15.7310, 0.2980, 0.3094



4.7080, 0.1553, 0.0791



0.5261, 0.1616, 0.1017

Inverse Universe

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



45.8941, 0.3766, 0.3115



46.1558, 0.3971, 0.3077



78.6209, 0.3462, 0.4187



15.8096, 0.3262, 0.3244



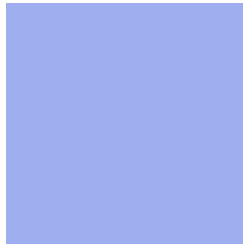
10.2686, 0.6084, 0.3125



0.8678, 0.5733, 0.2932

Previews

White Background



This preview shows how the Yxy color 43.7732, 0.2542, 0.2482 looks on a white background.

Color Contrast Check

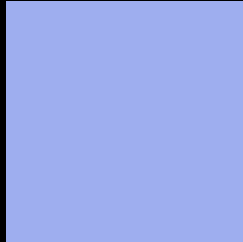
Large Text (above 18pt) WCAG AA × Fail

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 43.7732, 0.2542, 0.2482 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 43.7732, 0.2542, 0.2482

Background



This preview shows how black text looks on a background with the Yxy color 43.7732, 0.2542, 0.2482.



This preview shows how white text looks on a background with the Yxy color 43.7732, 0.2542, 0.2482.

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

43.7732, 0.2542, 0.2482

Protanopia

43.7732, 0.2542, 0.2482

Deuteranopia

43.7732, 0.2542, 0.2482



Tritanopia

43.7830, 0.2747, 0.3083

Trichromacy



Original Color

43.7732, 0.2542, 0.2482

Protanomaly

43.7732, 0.2542, 0.2482

Deuteranomaly

43.7732, 0.2542, 0.2482

Tritanomaly

43.6691, 0.2674, 0.2851

Monochromacy



Original Color

43.7732, 0.2542, 0.2482

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7668, 0.2890, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7732, 0.2542, 0.2482 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(158, 174, 239)` looks like.

```
.text, #text, p{  
    color:rgb(158, 174, 239)  
}
```

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(158, 174, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 174, 239) }
```

Border

The CSS property to change the border of an element to Yxy 43.7732, 0.2542, 0.2482 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(158, 174, 239) }
```

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

```
.border{ border-color:rgb(158, 174, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 174, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 174, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 174, 239);  
box-shadow:4px 4px 4px 4px rgb(158, 174,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7732, 0.2542, 0.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 174, 239) }
```

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

```
.background{ background-color: rgb(158,  
174, 239) }
```

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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