

Converting Colors

$Yxy(44.2457, 0.2472, 0.2594)$

Have a look what the booklet for
Yxy(44.2457, 0.2472, 0.2594)
contains.

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Color

Yxy(44.2457, 0.2472, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	8DB4EA
RGB	141, 180, 234
RGB Percent	55%, 71%, 92%
CMY	0.4468, 0.2942, 0.0824
CMYK	0.40, 0.23, 0.00, 0.08
HSL	215°, 69%, 74%
HSV	215°, 40%, 92%
XYZ	42.1648, 44.2457, 84.1589
YIQ	174.4950, -40.5780, 8.5260

Conversions

Conversions Part 2

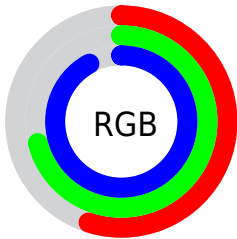
Format	Color
RYB	141, 168, 234
Decimal	9286890
CIELab	72.39, 0.33, -31.14
CIElCh	72, 31.146, 270.614
Yxy	44.2457, 0.2472, 0.2594
Android (android.graphics.Color)	4287476970 (0xFF8DB4EA)
YUV	174.4950, 29.3360, -29.3751
Hunter-Lab	66.5174, -3.2561, -28.4525

Details

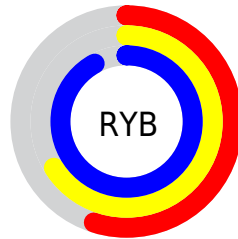
The Yxy color **44.2457, 0.2472, 0.2594** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.4820, 0.3880, 0.3894**, and the grayscale version is **42.4640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0812, 0.2773, 0.3086**, and **20.3715, 0.2294, 0.2401** is the 20% darker color. If you saturate the color by 10%, you get **37.1833, 0.2302, 0.2379**, and if you desaturate by 10%, it is **52.2836, 0.2644, 0.2795**.

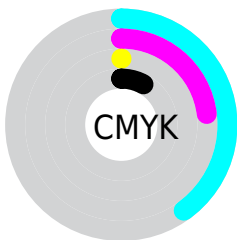
Distribution



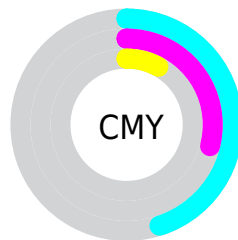
- Red (55%)
- Green (71%)
- Blue (92%)



- Red (55%)
- Yellow (66%)
- Blue (92%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2457, 0.2472, 0.2594 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 44.2457, 0.2472, 0.2594 by changing the saturation by 10% instead.

■ 44.2457, 0.2472,
0.2594

■ 44.2457, 0.2472,
0.2594

■ 363.7100, 0.2794,
0.2936

■ 30.8637, 0.2394,
0.2512

■ 81.5873, 0.2587,
0.2716

■ 20.4951, 0.2296,
0.2408

■ 106.3158, 0.2631,
0.2763

■ 12.7554, 0.2170,
0.2274

■ 135.5952, 0.2668,
0.2802

■ 7.2604, 0.2000,
0.2094

■ 169.8099, 0.2701,
0.2837

■ 3.6255, 0.1765,
0.1846

■ 209.3443, 0.2729,
0.2866

■ 1.4663, 0.1424,
0.1486

■ 254.5829, 0.2753,

■ 0.2649, 0.0666,

0.2892

0.0678

305.9100, 0.2775,
0.2915

0.0000, 0.0000,
0.0000

44.2457, 0.2472,
0.2594

44.2457, 0.2472,
0.2594

37.1833, 0.2302,
0.2379

52.2836, 0.2644,
0.2795

31.0484, 0.2141,
0.2155

61.3319, 0.2813,
0.2979

25.7958, 0.1994,
0.1926

71.4297, 0.2976,
0.3145

21.3736, 0.1868,
0.1702

82.6123, 0.3131,
0.3294

17.7222, 0.1768,
0.1491

94.3271, 0.3257,
0.3426

■ 14.7539, 0.1694,
0.1298

■ 98.7205, 0.3250,
0.3493

■ 14.6770, 0.1692,
0.1292

Harmonies

Analogous

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



44.2457, 0.2322, 0.2762



44.2457, 0.2472, 0.2594



44.2457, 0.2794, 0.2601

Triad

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



44.2457, 0.2472, 0.2594



44.2457, 0.3953, 0.3392



44.2457, 0.2981, 0.3915

Complementary

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



44.2457, 0.2472, 0.2594



58.4820, 0.3880, 0.3894

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.



44.2457, 0.3420, 0.4088



44.2457, 0.2472, 0.2594



44.2457, 0.4000, 0.3740

Square

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



44.2457, 0.2472, 0.2594



44.2457, 0.3663, 0.3044



44.2457, 0.3797, 0.4006



44.2457, 0.2599, 0.3531

Rectangle

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



44.2457, 0.2472, 0.2594



44.2457, 0.3077, 0.2694



44.2457, 0.3797, 0.4006



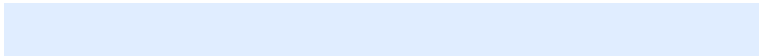
44.2457, 0.3127, 0.4001

Sweetspot

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



44.2474, 0.2472, 0.2594



83.8249, 0.2939, 0.3108



68.3970, 0.2785, 0.3801



17.5900, 0.2918, 0.3087



0.0000, 0.0000, 0.0000



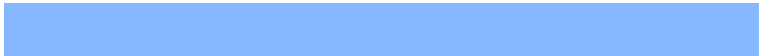
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2474, 0.2472, 0.2594



46.3988, 0.2327, 0.2412



31.2371, 0.2437, 0.2087



15.5857, 0.2980, 0.3149



8.4836, 0.1700, 0.1321



0.8525, 0.1776, 0.1593

Inverse Universe

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



39.8566, 0.3701, 0.2853



41.3808, 0.3886, 0.2763



77.2326, 0.3675, 0.4290



15.1587, 0.3227, 0.3192



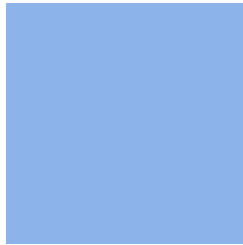
10.3492, 0.5297, 0.2692



0.8315, 0.4940, 0.2495

Previews

White Background



This preview shows how the Yxy color 44.2457, 0.2472, 0.2594 looks on a white background.

Color Contrast Check

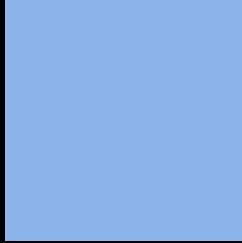
Large Text (above 18pt) WCAG AA × Fail

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 44.2457, 0.2472, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

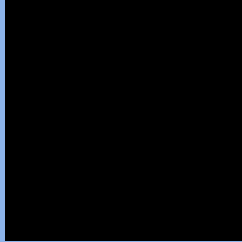
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

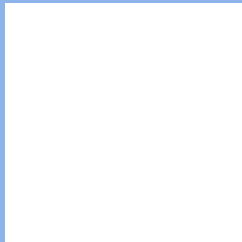
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2457, 0.2472, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 44.2457, 0.2472, 0.2594.



This preview shows how white text looks on a background with the Yxy color 44.2457, 0.2472, 0.2594.

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

44.2457, 0.2472, 0.2594

Protanopia

44.0545, 0.2625, 0.2598

Deuteranopia

43.9516, 0.2593, 0.2530



Tritanopia

44.3214, 0.2625, 0.3080

Trichromacy



Original Color

44.2457, 0.2472, 0.2594

Protanomaly

44.0838, 0.2567, 0.2603

Deuteranomaly

43.9189, 0.2541, 0.2546

Tritanomaly

44.3193, 0.2568, 0.2896

Monochromacy



Original Color

44.2457, 0.2472, 0.2594

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2163, 0.2864, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2457, 0.2472, 0.2594 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(141, 180, 234)` looks like.

```
.text, #text, p{  
    color:rgb(141, 180, 234)  
}
```

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(141, 180, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 180, 234) }
```

Border

The CSS property to change the border of an element to Yxy 44.2457, 0.2472, 0.2594 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(141, 180, 234) }
```

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

```
.border{ border-color:rgb(141, 180, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 180, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 180, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 180, 234);  
box-shadow:4px 4px 4px 4px rgb(141, 180,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2457, 0.2472, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 180, 234) }
```

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

```
.background{ background-color: rgb(141,  
180, 234) }
```

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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