

Converting Colors

$Yxy(45.8857, 0.2473, 0.2651)$

Have a look what the booklet for
Yxy(45.8857, 0.2473, 0.2651)
contains.

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Color

Yxy(45.7969, 0.2474, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	8CB8EA
RGB	140, 184, 234
RGB Percent	55%, 72%, 92%
CMY	0.4510, 0.2784, 0.0824
CMYK	0.40, 0.21, 0.00, 0.08
HSL	212°, 69%, 73%
HSV	212°, 40%, 92%
XYZ	42.8038, 45.7969, 84.4137
YIQ	176.5440, -42.2740, 6.2220

Conversions

Conversions Part 2

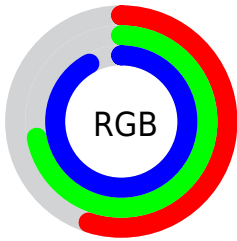
Format	Color
R _Y B	140, 170, 234
Decimal	9222378
CIE Lab	73.41, -2.15, -29.57
CIE LCh	73, 29.647, 265.839
Yxy	45.7969, 0.2474, 0.2647
Android (android.graphics.Color)	4287412458 (0xFF8CB8EA)
YUV	176.5440, 28.3258, -32.0491
Hunter-Lab	67.6734, -5.5264, -26.5851

Details

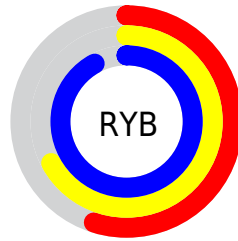
The Yxy color **45.7969, 0.2474, 0.2647** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.1974, 0.3911, 0.3851**, and the grayscale version is **43.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2759, 0.2771, 0.3129**, and **21.3782, 0.2301, 0.2472** is the 20% darker color. If you saturate the color by 10%, you get **39.0337, 0.2311, 0.2451**, and if you desaturate by 10%, it is **53.4504, 0.2641, 0.2830**.

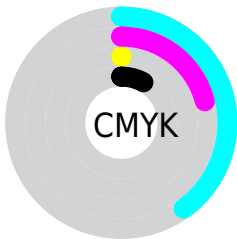
Distribution



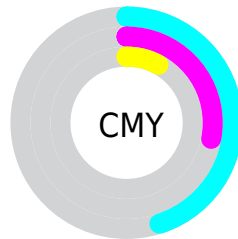
- Red (55%)
- Green (72%)
- Blue (92%)



- Red (55%)
- Yellow (67%)
- Blue (92%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7969, 0.2474, 0.2647 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 45.7969, 0.2474, 0.2647 by changing the saturation by 10% instead.

■ 45.7969, 0.2474,
0.2647

■ 45.7969, 0.2474,
0.2647

■ 369.9915, 0.2793,
0.2963

■ 32.0856, 0.2397,
0.2571

■ 83.9150, 0.2588,
0.2760

■ 21.4269, 0.2301,
0.2474

■ 109.0905, 0.2631,
0.2803

■ 13.4364, 0.2177,
0.2349

■ 138.8562, 0.2668,
0.2840

■ 7.7297, 0.2011,
0.2182

■ 173.5965, 0.2700,
0.2872

■ 3.9225, 0.1782,
0.1948

■ 213.6958, 0.2728,
0.2899

■ 1.6303, 0.1451,
0.1607

■ 259.5385, 0.2752,

■ 0.3779, 0.0749,

0.2923

0.0923

311.5089, 0.2774,
0.2944

0.0000, 0.0000,
0.0000

45.7969, 0.2474,
0.2647

45.7969, 0.2474,
0.2647

39.0337, 0.2311,
0.2451

53.4504, 0.2641,
0.2830

33.1162, 0.2157,
0.2246

62.0252, 0.2807,
0.2999

28.0033, 0.2017,
0.2036

71.5574, 0.2969,
0.3151

23.6469, 0.1899,
0.1829

82.0790, 0.3125,
0.3288

19.9919, 0.1805,
0.1630

93.2421, 0.3258,
0.3409

■ 16.9991, 0.1736,
0.1448

■ 98.7197, 0.3250,
0.3493

Harmonies

Analogous

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



45.7969, 0.2360, 0.2834



45.7969, 0.2474, 0.2647



45.7969, 0.2756, 0.2627

Triad

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



45.7969, 0.2474, 0.2647



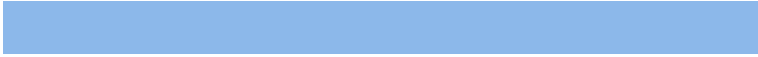
45.7969, 0.3874, 0.3334



45.7969, 0.3056, 0.3917

Complementary

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



45.7969, 0.2474, 0.2647



56.1974, 0.3911, 0.3851

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.



45.7969, 0.3469, 0.4043



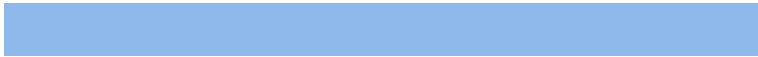
45.7969, 0.2474, 0.2647



45.7969, 0.3958, 0.3668

Square

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



45.7969, 0.2474, 0.2647



45.7969, 0.3572, 0.3011



45.7969, 0.3803, 0.3935



45.7969, 0.2679, 0.3582

Rectangle

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



45.7969, 0.2474, 0.2647



45.7969, 0.3014, 0.2699



45.7969, 0.3803, 0.3935



45.7969, 0.3195, 0.3986

Sweetspot

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



45.7986, 0.2474, 0.2647



84.7059, 0.2939, 0.3124



68.0670, 0.2807, 0.3870



17.7969, 0.2918, 0.3104



0.0000, 0.0000, 0.0000



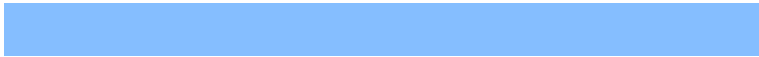
21.4041, 0.3127, 0.3290

Same Dimension

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



45.7986, 0.2474, 0.2647



48.9652, 0.2342, 0.2490



30.4057, 0.2393, 0.2061



15.7119, 0.2980, 0.3161



9.8010, 0.1743, 0.1476



0.9607, 0.1816, 0.1736

Inverse Universe

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



39.7050, 0.3660, 0.2797



41.6398, 0.3819, 0.2702



77.9565, 0.3716, 0.4288



15.1715, 0.3219, 0.3180



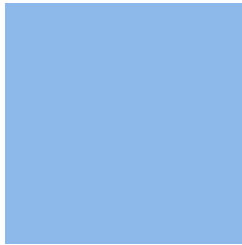
10.4822, 0.5090, 0.2578



0.8424, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 45.7969, 0.2474, 0.2647 looks on a white background.

Color Contrast Check

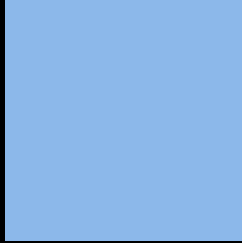
Large Text (above 18pt) WCAG AA × Fail

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 45.7969, 0.2474, 0.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

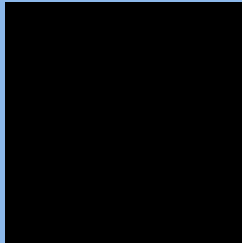
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

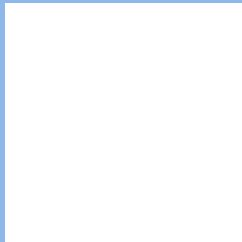
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7969, 0.2474, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 45.7969, 0.2474, 0.2647.



This preview shows how white text looks on a background with the Yxy color 45.7969, 0.2474, 0.2647.

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

45.7969, 0.2474, 0.2647

Protanopia

45.7134, 0.2671, 0.2654

Deuteranopia

45.7159, 0.2626, 0.2565



Tritanopia

45.6604, 0.2606, 0.3081

Trichromacy



Original Color

45.7969, 0.2474, 0.2647

Protanomaly

45.5801, 0.2592, 0.2646

Deuteranomaly

45.8088, 0.2568, 0.2602

Tritanomaly

45.5978, 0.2556, 0.2912

Monochromacy



Original Color

45.7969, 0.2474, 0.2647

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.6122, 0.2859, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7969, 0.2474, 0.2647 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(140, 184, 234)` looks like.

```
.text, #text, p{  
    color:rgb(140, 184, 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(140, 184, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 184, 234) }
```

Border

The CSS property to change the border of an element to Yxy 45.7969, 0.2474, 0.2647 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(140, 184, 234) }
```

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

```
.border{ border-color:rgb(140, 184, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 184, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 184, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 184, 234);  
box-shadow:4px 4px 4px 4px rgb(140, 184,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7969, 0.2474, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 184, 234) }
```

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

```
.background{ background-color: rgb(140,  
184, 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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