

Converting Colors

$Yxy(44.7798, 0.2688, 0.2686)$

Have a look what the booklet for
Yxy(44.7798, 0.2688, 0.2686)
contains.

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Color

Yxy(44.9331, 0.2694, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	A6B1E0
RGB	166, 177, 224
RGB Percent	65%, 69%, 88%
CMY	0.3491, 0.3058, 0.1215
CMYK	0.26, 0.21, 0.00, 0.12
HSL	229°, 48%, 76%
HSV	229°, 26%, 88%
XYZ	44.8998, 44.9331, 76.8329
YIQ	179.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

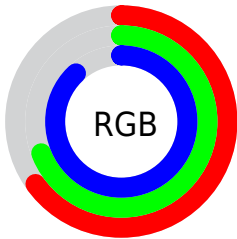
Format	Color
R_{YB}	166, 175, 224
Decimal	10924512
CIE _{Lab}	72.85, 6.44, -24.87
CIE _{LCh}	73, 25.692, 284.525
Yxy	44.9331, 0.2694, 0.2696
Android (android.graphics.Color)	4289114592 (0xFFA6B1E0)
YUV	179.0690, 22.1510, -11.4615
Hunter-Lab	67.0322, 2.2574, -21.0363

Details

The Yxy color **44.9331, 0.2694, 0.2696** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.1791, 0.3546, 0.3821**, and the grayscale version is **45.0058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0274, 0.2923, 0.3063**, and **21.0425, 0.2572, 0.2541** is the 20% darker color. If you saturate the color by 10%, you get **36.0239, 0.2504, 0.2421**, and if you desaturate by 10%, it is **55.2205, 0.2873, 0.2947**.

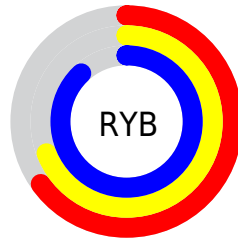
Distribution



Red (65%)

Green (69%)

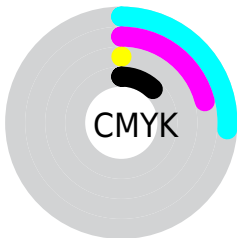
Blue (88%)



Red (65%)

Yellow (69%)

Blue (88%)

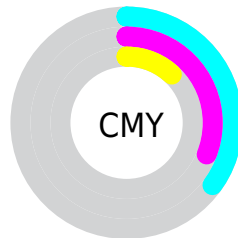


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9331, 0.2694, 0.2696 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 44.9331, 0.2694, 0.2696 by changing the saturation by 10% instead.

■ 44.9331, 0.2694,
0.2696

■ 44.9331, 0.2694,
0.2696

■ 366.5025, 0.2910,
0.2986

■ 31.4047, 0.2641,
0.2626

■ 82.6200, 0.2772,
0.2800

■ 20.9072, 0.2573,
0.2538

■ 107.5473, 0.2802,
0.2839

■ 13.0562, 0.2483,
0.2423

■ 137.0431, 0.2827,
0.2873

■ 7.4673, 0.2361,
0.2269

■ 171.4918, 0.2848,
0.2902

■ 3.7560, 0.2185,
0.2052

■ 211.2776, 0.2867,
0.2927

■ 1.5380, 0.1913,
0.1730

■ 256.7851, 0.2883,

■ 0.3153, 0.1367,

0.2949

0.0943

308.3986, 0.2897,
0.2969

0.0000, 0.0000,
0.0000

44.9331, 0.2694,
0.2696

44.9331, 0.2694,
0.2696

36.0239, 0.2504,
0.2421

55.2205, 0.2873,
0.2947

28.4282, 0.2308,
0.2127

66.9361, 0.3037,
0.3170

22.0842, 0.2114,
0.1823

80.1342, 0.3186,
0.3368

16.9230, 0.1933,
0.1524

94.7537, 0.3316,
0.3540

12.8684, 0.1775,
0.1246

98.1623, 0.3309,
0.3591

■ 9.8350, 0.1652,
0.1008

■ 7.7233, 0.1570,
0.0824

■ 7.0795, 0.1546,
0.0765

Harmonies

Analogous

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



44.9331, 0.2496, 0.2772



44.9331, 0.2694, 0.2696



44.9331, 0.3015, 0.2763

Triad

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



44.9331, 0.2694, 0.2696



44.9331, 0.3848, 0.3519



44.9331, 0.2852, 0.3667

Complementary

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



44.9331, 0.2694, 0.2696



66.1791, 0.3546, 0.3821

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.



44.9331, 0.3206, 0.3898



44.9331, 0.2694, 0.2696



44.9331, 0.3791, 0.3782

Square

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



44.9331, 0.2694, 0.2696



44.9331, 0.3697, 0.3221



44.9331, 0.3552, 0.3932



44.9331, 0.2582, 0.3323

Rectangle

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



44.9331, 0.2694, 0.2696



44.9331, 0.3262, 0.2877



44.9331, 0.3552, 0.3932



44.9331, 0.2965, 0.3763

Sweetspot

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



44.9349, 0.2694, 0.2696



86.2416, 0.3003, 0.3124



66.1946, 0.2815, 0.3430



17.9363, 0.2979, 0.3091



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.



44.9349, 0.2694, 0.2696



53.6950, 0.2594, 0.2553



42.7622, 0.2817, 0.2579



13.6628, 0.2981, 0.3094



4.2451, 0.1552, 0.0785



0.4170, 0.1627, 0.1055

Inverse Universe

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



46.2883, 0.3574, 0.3162



56.0516, 0.3700, 0.3135



69.2763, 0.3385, 0.3964



13.7429, 0.3262, 0.3246



9.3366, 0.6093, 0.3130



0.6596, 0.5676, 0.2900

Previews

White Background



This preview shows how the Yxy color 44.9331, 0.2694, 0.2696 looks on a white background.

Color Contrast Check

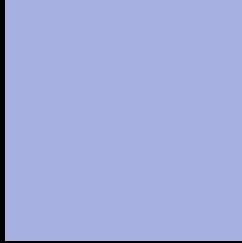
Large Text (above 18pt) WCAG AA × Fail

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 44.9331, 0.2694, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

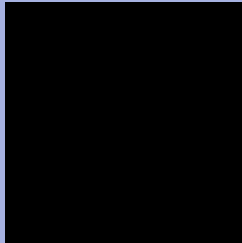
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9331, 0.2694, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 44.9331, 0.2694, 0.2696.



This preview shows how white text looks on a background with the Yxy color 44.9331, 0.2694, 0.2696.

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

44.9331, 0.2694, 0.2696

Protanopia

45.0416, 0.2702, 0.2697

Deuteranopia

44.8124, 0.2736, 0.2677



Tritanopia

44.9150, 0.2844, 0.3101

Trichromacy



Original Color

44.9331, 0.2694, 0.2696

Protanomaly

45.0416, 0.2702, 0.2697

Deuteranomaly

44.9785, 0.2722, 0.2688

Tritanomaly

44.7801, 0.2788, 0.2947

Monochromacy



Original Color

44.9331, 0.2694, 0.2696

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7796, 0.2961, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9331, 0.2694, 0.2696 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(166, 177, 224)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 224)  
}
```

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(166, 177, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 224) }
```

Border

The CSS property to change the border of an element to Yxy 44.9331, 0.2694, 0.2696 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(166, 177, 224) }
```

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

```
.border{ border-color:rgb(166, 177, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 177, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 224);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9331, 0.2694, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 224) }
```

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

```
.background{ background-color: rgb(166,  
177, 224) }
```

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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