

Converting Colors

$Yxy(46.3324, 0.2686, 0.2669)$

Have a look what the booklet for
Yxy(46.3324, 0.2686, 0.2669)
contains.

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Color

Yxy(46.3324, 0.2686, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	A9B3E5
RGB	169, 179, 229
RGB Percent	66%, 70%, 90%
CMY	0.3373, 0.2980, 0.1018
CMYK	0.26, 0.22, 0.00, 0.10
HSL	230°, 54%, 78%
HSV	230°, 26%, 90%
XYZ	46.6275, 46.3324, 80.6347
YIQ	181.7100, -22.0100, 13.4300

Conversions

Conversions Part 2

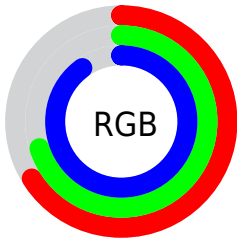
Format	Color
R _Y B	169, 178, 229
Decimal	11121637
CIE Lab	73.76, 7.44, -26.19
CIE LCh	74, 27.223, 285.862
Yxy	46.3324, 0.2686, 0.2669
Android (android.graphics.Color)	4289311717 (0xFFA9B3E5)
YUV	181.7100, 23.3140, -11.1467
Hunter-Lab	68.0679, 3.1563, -22.5887

Details

The Yxy color `46.3324, 0.2686, 0.2669` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `70.2038, 0.3548, 0.3843`, and the grayscale version is `46.4944, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.6442, 0.2942, 0.3085`, and `21.6518, 0.2570, 0.2506` is the 20% darker color. If you saturate the color by 10%, you get `36.8905, 0.2493, 0.2385`, and if you desaturate by 10%, it is `57.2806, 0.2867, 0.2928`.

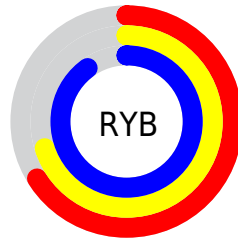
Distribution



Red (66%)

Green (70%)

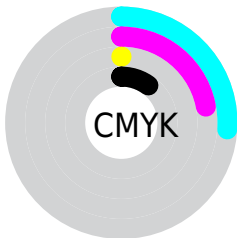
Blue (90%)



Red (66%)

Yellow (70%)

Blue (90%)

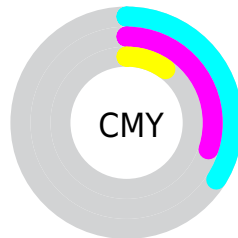


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (34%)

Magenta (30%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3324, 0.2686, 0.2669 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 46.3324, 0.2686, 0.2669 by changing the saturation by 10% instead.

■ 46.3324, 0.2686,
0.2669

■ 46.3324, 0.2686,
0.2669

372.1434, 0.2905,
0.2970

■ 32.5082, 0.2632,
0.2597

■ 84.7162, 0.2765,
0.2776

■ 21.7500, 0.2564,
0.2507

110.0447, 0.2795,
0.2817

■ 13.6733, 0.2475,
0.2391

139.9767, 0.2820,
0.2852

■ 7.8938, 0.2353,
0.2235

174.8966, 0.2842,
0.2882

■ 4.0271, 0.2180,
0.2019

215.1888, 0.2861,
0.2908

■ 1.6887, 0.1915,
0.1702

261.2378, 0.2877,

■ 0.4163, 0.1454,

0.2931

0.1048

313.4278, 0.2892,
0.2952

0.0000, 0.0000,
0.0000

46.3324, 0.2686,
0.2669

46.3324, 0.2686,
0.2669

36.8905, 0.2493,
0.2385

57.2806, 0.2867,
0.2928

28.8830, 0.2295,
0.2081

69.7917, 0.3032,
0.3160

22.2403, 0.2098,
0.1770

83.9263, 0.3182,
0.3364

16.8847, 0.1915,
0.1466

98.4388, 0.3279,
0.3542

12.7304, 0.1757,
0.1188

■ 9.6806, 0.1636,
0.0955

■ 7.6219, 0.1558,
0.0781

■ 7.0555, 0.1536,
0.0730

Harmonies

Analogous

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



46.3324, 0.2473, 0.2741



46.3324, 0.2686, 0.2669



46.3324, 0.3026, 0.2746

Triad

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



46.3324, 0.2686, 0.2669



46.3324, 0.3886, 0.3542



46.3324, 0.2823, 0.3672

Complementary

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



46.3324, 0.2686, 0.2669



70.2038, 0.3548, 0.3843

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.



46.3324, 0.3192, 0.3923



46.3324, 0.2686, 0.2669



46.3324, 0.3816, 0.3814

Square

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



46.3324, 0.2686, 0.2669



46.3324, 0.3736, 0.3230



46.3324, 0.3557, 0.3967



46.3324, 0.2547, 0.3307

Rectangle

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



46.3324, 0.2686, 0.2669



46.3324, 0.3286, 0.2868



46.3324, 0.3557, 0.3967



46.3324, 0.2940, 0.3775

Sweetspot

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



46.3342, 0.2686, 0.2669



85.9628, 0.3003, 0.3120



69.6052, 0.2800, 0.3408



17.8667, 0.2979, 0.3086



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.



46.3342, 0.2686, 0.2669



52.8922, 0.2591, 0.2530



44.8538, 0.2828, 0.2572



14.2732, 0.2980, 0.3088



4.1501, 0.1541, 0.0749



0.4235, 0.1608, 0.0987

Inverse Universe

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



48.2927, 0.3594, 0.3177



55.9705, 0.3716, 0.3154



72.4772, 0.3374, 0.3977



14.4070, 0.3266, 0.3251



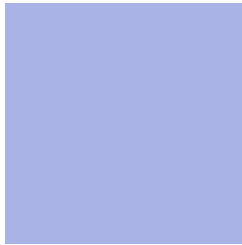
9.6167, 0.6152, 0.3163



0.7224, 0.5778, 0.2957

Previews

White Background



This preview shows how the Yxy color 46.3324, 0.2686, 0.2669 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 46.3324, 0.2686, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

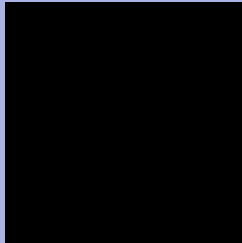
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3324, 0.2686, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 46.3324, 0.2686, 0.2669.



This preview shows how white text looks on a background with the Yxy color 46.3324, 0.2686, 0.2669.

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

46.3324, 0.2686, 0.2669

Protanopia

46.3324, 0.2686, 0.2669

Deuteranopia

46.3822, 0.2714, 0.2662



Tritanopia

46.1910, 0.2847, 0.3091

Trichromacy



Original Color

46.3324, 0.2686, 0.2669

Protanomaly

46.3324, 0.2686, 0.2669

Deuteranomaly

46.2686, 0.2707, 0.2660

Tritanomaly

46.1084, 0.2785, 0.2927

Monochromacy



Original Color

46.3324, 0.2686, 0.2669

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5184, 0.2956, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3324, 0.2686, 0.2669 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(169, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(169, 179, 229)  
}
```

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(169, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 179, 229) }
```

Border

The CSS property to change the border of an element to Yxy 46.3324, 0.2686, 0.2669 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(169, 179, 229) }
```

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

```
.border{ border-color:rgb(169, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(169, 179,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3324, 0.2686, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 179, 229) }
```

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

```
.background{ background-color: rgb(169,  
179, 229) }
```

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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