

Converting Colors

$Yxy(45.4362, 0.2732, 0.2774)$

Have a look what the booklet for
Yxy(45.4362, 0.2732, 0.2774)
contains.

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Color

Yxy(45.5702, 0.2737, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	A7B3DB
RGB	167, 179, 219
RGB Percent	65%, 70%, 86%
CMY	0.3449, 0.2981, 0.1412
CMYK	0.24, 0.18, 0.00, 0.14
HSL	226°, 42%, 76%
HSV	226°, 24%, 86%
XYZ	44.8492, 45.5702, 73.4432
YIQ	179.9720, -19.9920, 9.8960

Conversions

Conversions Part 2

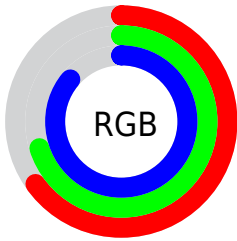
Format	Color
RYB	167, 177, 219
Decimal	10990555
CIELab	73.27, 4.50, -21.49
CIELCh	73, 21.958, 281.815
Yxy	45.5702, 0.2737, 0.2781
Android (android.graphics.Color)	4289180635 (0xFFA7B3DB)
YUV	179.9720, 19.2408, -11.3764
Hunter-Lab	67.5057, 0.4562, -17.2509

Details

The Yxy color `45.5702, 0.2737, 0.2781` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `62.5007, 0.3513, 0.3752`, and the grayscale version is `45.5337, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.3246, 0.2930, 0.3085`, and `21.1795, 0.2625, 0.2635` is the 20% darker color. If you saturate the color by 10%, you get `37.0331, 0.2552, 0.2525`, and if you desaturate by 10%, it is `55.3416, 0.2911, 0.3013`.

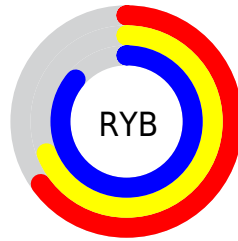
Distribution



Red (65%)

Green (70%)

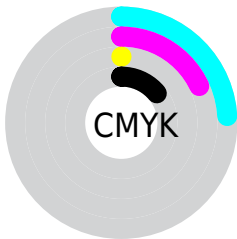
Blue (86%)



Red (65%)

Yellow (69%)

Blue (86%)

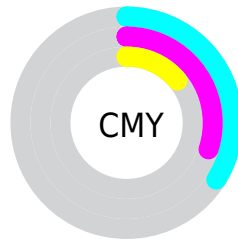


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (14%)



Cyan (34%)

Magenta (30%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5702, 0.2737, 0.2781 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 45.5702, 0.2737, 0.2781 by changing the saturation by 10% instead.

■ 45.5702, 0.2737,
0.2781

■ 45.5702, 0.2737,
0.2781

■ 369.0780, 0.2931,
0.3031

■ 31.9068, 0.2689,
0.2720

■ 83.5754, 0.2807,
0.2871

■ 21.2903, 0.2628,
0.2643

■ 108.6860, 0.2834,
0.2905

■ 13.3364, 0.2547,
0.2543

■ 138.3811, 0.2856,
0.2934

■ 7.6606, 0.2436,
0.2407

■ 173.0451, 0.2876,
0.2958

■ 3.8785, 0.2276,
0.2213

■ 213.0624, 0.2892,
0.2980

■ 1.6059, 0.2025,
0.1918

■ 258.8174, 0.2907,

■ 0.3615, 0.1490,

0.2999

0.1188

310.6944, 0.2920,
0.3016

0.0000, 0.0000,
0.0000

45.5702, 0.2737,
0.2781

45.5702, 0.2737,
0.2781

37.0331, 0.2552,
0.2525

55.3416, 0.2911,
0.3013

29.6749, 0.2362,
0.2249

66.3889, 0.3071,
0.3220

23.4436, 0.2171,
0.1961

78.7586, 0.3217,
0.3402

18.2816, 0.1991,
0.1670

92.4929, 0.3349,
0.3561

14.1252, 0.1830,
0.1392

97.8940, 0.3340,
0.3641

■ 10.9040, 0.1700,
0.1143

■ 8.5366, 0.1607,
0.0938

■ 7.4249, 0.1565,
0.0834

Harmonies

Analogous

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



45.5702, 0.2577, 0.2861



45.5702, 0.2737, 0.2781



45.5702, 0.3005, 0.2827

Triad

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



45.5702, 0.2737, 0.2781



45.5702, 0.3735, 0.3468



45.5702, 0.2920, 0.3631

Complementary

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



45.5702, 0.2737, 0.2781



62.5007, 0.3513, 0.3752

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.



45.5702, 0.3225, 0.3812



45.5702, 0.2737, 0.2781



45.5702, 0.3704, 0.3696

Square

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



45.5702, 0.2737, 0.2781



45.5702, 0.3592, 0.3210



45.5702, 0.3514, 0.3830



45.5702, 0.2678, 0.3348

Rectangle

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



45.5702, 0.2737, 0.2781



45.5702, 0.3215, 0.2919



45.5702, 0.3514, 0.3830



45.5702, 0.3018, 0.3707

Sweetspot

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



45.5720, 0.2737, 0.2781



88.3113, 0.3019, 0.3153



63.3783, 0.2850, 0.3439



18.6958, 0.3010, 0.3141



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.



45.5720, 0.2737, 0.2781



58.6764, 0.2655, 0.2668



42.5820, 0.2834, 0.2644



13.1005, 0.2981, 0.3104



4.5411, 0.1571, 0.0856



0.4257, 0.1657, 0.1164

Inverse Universe

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



45.9692, 0.3506, 0.3149



59.5458, 0.3602, 0.3121



66.4496, 0.3377, 0.3901



13.1003, 0.3256, 0.3236



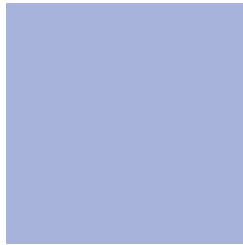
9.0822, 0.5981, 0.3068



0.6017, 0.5517, 0.2813

Previews

White Background



This preview shows how the Yxy color 45.5702, 0.2737, 0.2781 looks on a white background.

Color Contrast Check

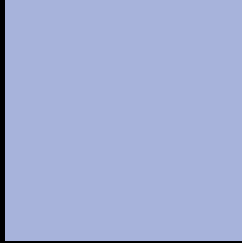
Large Text (above 18pt) WCAG AA × Fail

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 45.5702, 0.2737, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

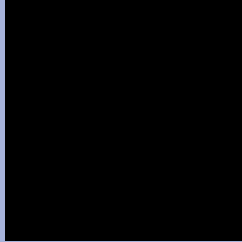
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

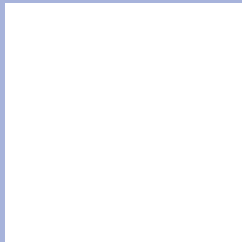
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5702, 0.2737, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 45.5702, 0.2737, 0.2781.



This preview shows how white text looks on a background with the Yxy color 45.5702, 0.2737, 0.2781.

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

45.5702, 0.2737, 0.2781

Protanopia

45.5607, 0.2772, 0.2784

Deuteranopia

45.5651, 0.2803, 0.2742



Tritanopia

45.6847, 0.2861, 0.3103

Trichromacy



Original Color

45.5702, 0.2737, 0.2781

Protanomaly

45.4488, 0.2765, 0.2783

Deuteranomaly

45.4958, 0.2773, 0.2750

Tritanomaly

45.7562, 0.2812, 0.2988

Monochromacy



Original Color

45.5702, 0.2737, 0.2781

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6515, 0.2977, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5702, 0.2737, 0.2781 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(167, 179, 219)` looks like.

```
.text, #text, p{  
    color:rgb(167, 179, 219)  
}
```

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(167, 179, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 179, 219) }
```

Border

The CSS property to change the border of an element to Yxy 45.5702, 0.2737, 0.2781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

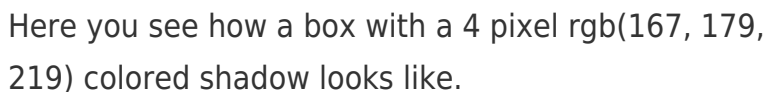
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 179, 219) }
```

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

```
.border{ border-color:rgb(167, 179, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 179, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 179, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 179, 219); box-shadow:4px 4px 4px 4px rgb(167, 179, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5702, 0.2737, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 179, 219) }
```

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

```
.background{ background-color: rgb(167,  
179, 219) }
```

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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