

Converting Colors

$Yxy(44.7154, 0.2609, 0.2537)$

Have a look what the booklet for
Yxy(44.7154, 0.2609, 0.2537)
contains.

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Color

Yxy(44.7154, 0.2609, 0.2537)

Conversions

Conversions Part 1

Format	Color
Hex	A5AFEC
RGB	165, 175, 236
RGB Percent	65%, 69%, 93%
CMY	0.3530, 0.3137, 0.0746
CMYK	0.30, 0.26, 0.00, 0.07
HSL	232°, 65%, 79%
HSV	232°, 30%, 93%
XYZ	45.9844, 44.7154, 85.5532
YIQ	178.9640, -25.5410, 16.8510

Conversions

Conversions Part 2

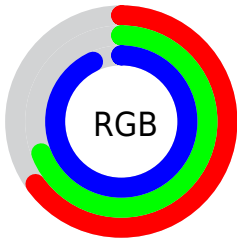
Format	Color
RYB	165, 174, 236
Decimal	10858476
CIELab	72.70, 10.17, -31.62
CIELCh	73, 33.212, 287.838
Yxy	44.7154, 0.2609, 0.2537
Android (android.graphics.Color)	4289048556 (0xFFA5AFEC)
YUV	178.9640, 28.1187, -12.2464
Hunter-Lab	66.8696, 5.7279, -29.0472

Details

The Yxy color **44.7154, 0.2609, 0.2537** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **74.9256, 0.3610, 0.3945**, and the grayscale version is **44.9171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1858, 0.2916, 0.3031**, and **20.8407, 0.2465, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **35.1083, 0.2410, 0.2235**, and if you desaturate by 10%, it is **55.9773, 0.2797, 0.2816**.

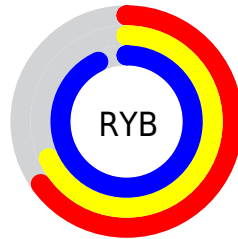
Distribution



Red (65%)

Green (69%)

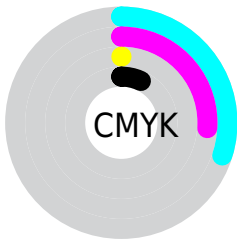
Blue (93%)



Red (65%)

Yellow (68%)

Blue (93%)

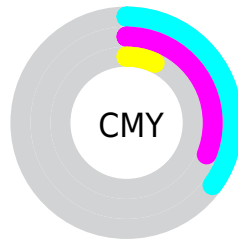


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7154, 0.2609, 0.2537 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 44.7154, 0.2609, 0.2537 by changing the saturation by 10% instead.

■ 44.7154, 0.2609,
0.2537

■ 44.7154, 0.2609,
0.2537

■ 365.6197, 0.2867,
0.2900

■ 31.2333, 0.2546,
0.2451

■ 82.2932, 0.2702,
0.2665

■ 20.7766, 0.2466,
0.2344

■ 107.1577, 0.2737,
0.2715

■ 12.9608, 0.2361,
0.2207

■ 136.5851, 0.2767,
0.2757

■ 7.4015, 0.2220,
0.2026

■ 170.9598, 0.2793,
0.2793

■ 3.7145, 0.2020,
0.1779

■ 210.6662, 0.2815,
0.2825

■ 1.5152, 0.1722,
0.1429

■ 256.0887, 0.2835,

■ 0.2994, 0.1217,

0.2853

0.0684

307.6118, 0.2852,
0.2878

0.0000, 0.0000,
0.0000

44.7154, 0.2609,
0.2537

44.7154, 0.2609,
0.2537

35.1083, 0.2410,
0.2235

55.9773, 0.2797,
0.2816

27.0724, 0.2208,
0.1918

68.9617, 0.2970,
0.3067

20.5247, 0.2012,
0.1600

83.7391, 0.3126,
0.3288

15.3722, 0.1835,
0.1300

98.8354, 0.3238,
0.3473

11.5115, 0.1691,
0.1039

■ 8.8238, 0.1587,
0.0834

■ 7.1589, 0.1527,
0.0697

Harmonies

Analogous

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



44.7154, 0.2342, 0.2605



44.7154, 0.2609, 0.2537



44.7154, 0.3029, 0.2643

Triad

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



44.7154, 0.2609, 0.2537



44.7154, 0.4068, 0.3610



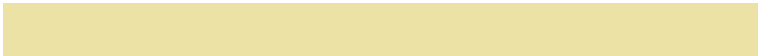
44.7154, 0.2723, 0.3739

Complementary

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



44.7154, 0.2609, 0.2537



74.9256, 0.3610, 0.3945

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.



44.7154, 0.3168, 0.4070



44.7154, 0.2609, 0.2537



44.7154, 0.3958, 0.3944

Square

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



44.7154, 0.2609, 0.2537



44.7154, 0.3901, 0.3234



44.7154, 0.3622, 0.4132



44.7154, 0.2402, 0.3274

Rectangle

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



44.7154, 0.2609, 0.2537



44.7154, 0.3351, 0.2795



44.7154, 0.3622, 0.4132



44.7154, 0.2863, 0.3874

Sweetspot

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



44.7171, 0.2609, 0.2537



83.9652, 0.2987, 0.3091



73.4367, 0.2749, 0.3414



17.4527, 0.2963, 0.3057



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.



44.7171, 0.2609, 0.2537



46.1362, 0.2489, 0.2356



43.8907, 0.2783, 0.2454



14.8916, 0.2980, 0.3081



4.0566, 0.1532, 0.0714



0.4261, 0.1588, 0.0918

Inverse Universe

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



47.8346, 0.3707, 0.3179



50.6659, 0.3876, 0.3156



76.5692, 0.3401, 0.4089



15.0886, 0.3271, 0.3257



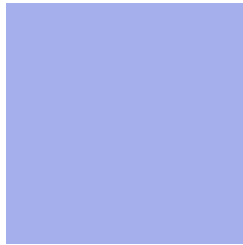
9.9023, 0.6210, 0.3194



0.7884, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 44.7154, 0.2609, 0.2537 looks on a white background.

Color Contrast Check

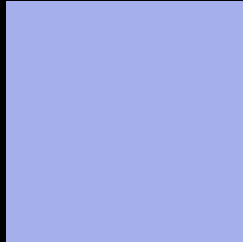
Large Text (above 18pt) WCAG AA × Fail

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 44.7154, 0.2609, 0.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

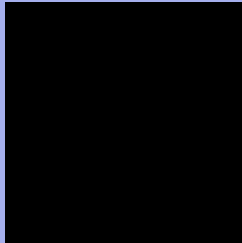
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7154, 0.2609, 0.2537

Background



This preview shows how black text looks on a background with the Yxy color 44.7154, 0.2609, 0.2537.



This preview shows how white text looks on a background with the Yxy color 44.7154, 0.2609, 0.2537.

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

44.7154, 0.2609, 0.2537

Protanopia

44.7422, 0.2577, 0.2533

Deuteranopia

44.6086, 0.2602, 0.2535



Tritanopia

44.6552, 0.2814, 0.3087

Trichromacy



Original Color

44.7154, 0.2609, 0.2537

Protanomaly

44.8465, 0.2584, 0.2535

Deuteranomaly

44.6086, 0.2602, 0.2535

Tritanomaly

44.4169, 0.2738, 0.2870

Monochromacy



Original Color

44.7154, 0.2609, 0.2537

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0096, 0.2923, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7154, 0.2609, 0.2537 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(165, 175, 236)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 236)  
}
```

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(165, 175, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 236) }
```

Border

The CSS property to change the border of an element to Yxy 44.7154, 0.2609, 0.2537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

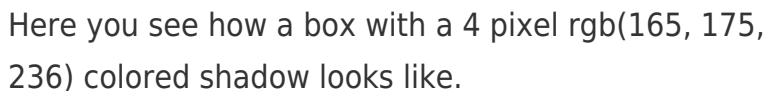
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 175, 236) }
```

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

```
.border{ border-color:rgb(165, 175, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 175, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 236);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7154, 0.2609, 0.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 236) }
```

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

```
.background{ background-color: rgb(165,  
175, 236) }
```

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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