

Converting Colors

$Yxy(47.9131, 0.2546, 0.2396)$

Have a look what the booklet for
Yxy(47.9131, 0.2546, 0.2396)
contains.

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Color

Yxy(47.7187, 0.2543, 0.2390)

Conversions

Conversions Part 1

Format	Color
Hex	ABB2FF
RGB	171, 178, 255
RGB Percent	67%, 70%, 100%
CMY	0.3293, 0.3020, 0.0000
CMYK	0.33, 0.30, 0.00, 0.00
HSL	235°, 100%, 84%
HSV	235°, 33%, 100%
XYZ	50.7735, 47.7187, 101.1676
YIQ	184.6850, -28.8890, 22.4630

Conversions

Conversions Part 2

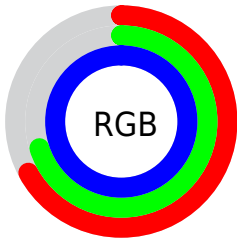
Format	Color
RYB	171, 177, 255
Decimal	11252479
CIELab	74.65, 14.98, -38.87
CIELCh	75, 41.657, 291.072
Yxy	47.7187, 0.2543, 0.2390
Android (android.graphics.Color)	4289442559 (0xFFABB2FF)
YUV	184.6850, 34.6653, -12.0017
Hunter-Lab	69.0787, 10.3114, -38.4767

Details

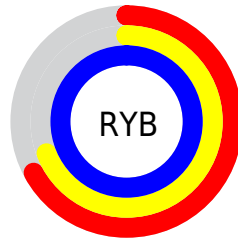
The Yxy color **47.7187, 0.2543, 0.2390** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **91.3623, 0.3646, 0.4054**, and the grayscale version is **48.1496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5596, 0.2961, 0.3076**, and **22.7119, 0.2388, 0.2182** is the 20% darker color. If you saturate the color by 10%, you get **36.5991, 0.2336, 0.2061**, and if you desaturate by 10%, it is **60.9768, 0.2740, 0.2698**.

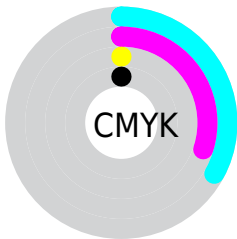
Distribution



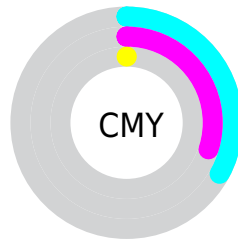
- Red (67%)
- Green (70%)
- Blue (100%)



- Red (67%)
- Yellow (69%)
- Blue (100%)



- Cyan (33%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7187, 0.2543, 0.2390 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 47.7187, 0.2543, 0.2390 by changing the saturation by 10% instead.

■ 47.7187, 0.2543,
0.2390

■ 47.7187, 0.2543,
0.2390

377.6760, 0.2830,
0.2812

■ 33.6042, 0.2474,
0.2294

■ 86.7854, 0.2645,
0.2537

■ 22.5897, 0.2388,
0.2175

112.5064, 0.2684,
0.2594

■ 14.2908, 0.2277,
0.2027

142.8650, 0.2718,
0.2643

■ 8.3232, 0.2130,
0.1836

178.2456, 0.2747,
0.2686

■ 4.3025, 0.1927,
0.1586

219.0327, 0.2771,
0.2723

■ 1.8442, 0.1639,
0.1249

265.6105, 0.2793,

■ 0.5145, 0.1223,

0.2756

0.0736

318.3635, 0.2813,
0.2786

0.0000, 0.0000,
0.0000

47.7187, 0.2543,
0.2390

47.7187, 0.2543,
0.2390

36.5991, 0.2336,
0.2061

60.9768, 0.2740,
0.2698

27.5062, 0.2127,
0.1724

76.4778, 0.2921,
0.2977

20.3171, 0.1930,
0.1397

94.3190, 0.3083,
0.3224

14.8959, 0.1758,
0.1105

100.0000, 0.3127,
0.3290

11.0886, 0.1627,
0.0870

■ 8.7140, 0.1543,
0.0709

■ 7.7611, 0.1511,
0.0640

Harmonies

Analogous

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



47.7187, 0.2205, 0.2439



47.7187, 0.2543, 0.2390



47.7187, 0.3064, 0.2538

Triad

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



47.7187, 0.2543, 0.2390



47.7187, 0.4281, 0.3708



47.7187, 0.2578, 0.3788

Complementary

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



47.7187, 0.2543, 0.2390



91.3623, 0.3646, 0.4054

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.



47.7187, 0.3104, 0.4235



47.7187, 0.2543, 0.2390



47.7187, 0.4102, 0.4109

Square

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



47.7187, 0.2543, 0.2390



47.7187, 0.4117, 0.3259



47.7187, 0.3664, 0.4335



47.7187, 0.2220, 0.3198

Rectangle

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



47.7187, 0.2543, 0.2390



47.7187, 0.3460, 0.2729



47.7187, 0.3664, 0.4335



47.7187, 0.2741, 0.3967

Sweetspot

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



47.7185, 0.2543, 0.2390



81.4560, 0.2970, 0.3052



86.9591, 0.2690, 0.3365



16.9182, 0.2947, 0.3016



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.



47.7185, 0.2543, 0.2390



39.6403, 0.2397, 0.2159



49.4827, 0.2783, 0.2371



17.6195, 0.2979, 0.3065



4.1387, 0.1515, 0.0652



0.4820, 0.1546, 0.0764

Inverse Universe

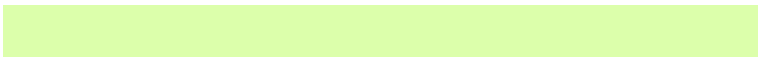
The Inverse Universe completely reimagines the original color for something new.



53.6121, 0.3833, 0.3219



46.6317, 0.4061, 0.3204



89.6793, 0.3389, 0.4184



18.0115, 0.3281, 0.3271



11.1458, 0.6313, 0.3251



1.0932, 0.6128, 0.3150

Previews

White Background



This preview shows how the Yxy color 47.7187, 0.2543, 0.2390 looks on a white background.

Color Contrast Check

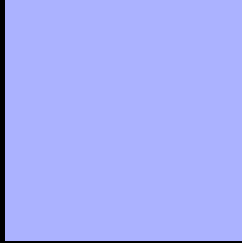
Large Text (above 18pt) WCAG AA × Fail

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 47.7187, 0.2543, 0.2390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

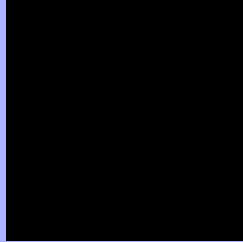
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7187, 0.2543, 0.2390

Background



This preview shows how black text looks on a background with the Yxy color 47.7187, 0.2543, 0.2390.



This preview shows how white text looks on a background with the Yxy color 47.7187, 0.2543, 0.2390.

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

47.7187, 0.2543, 0.2390

Protanopia

47.8448, 0.2484, 0.2412

Deuteranopia

47.6771, 0.2483, 0.2420



Tritanopia

47.7518, 0.2801, 0.3092

Trichromacy



Original Color

47.7187, 0.2543, 0.2390

Protanomaly

47.8618, 0.2507, 0.2406

Deuteranomaly

47.6908, 0.2506, 0.2414

Tritanomaly

47.4474, 0.2701, 0.2808

Monochromacy



Original Color

47.7187, 0.2543, 0.2390

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8123, 0.2900, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7187, 0.2543, 0.2390 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(171, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 178, 255)  
}
```

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(171, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 47.7187, 0.2543, 0.2390 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(171, 178, 255) }
```

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

```
.border{ border-color:rgb(171, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7187, 0.2543, 0.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 178, 255) }
```

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

```
.background{ background-color: rgb(171,  
178, 255) }
```

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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