

Converting Colors

$Yxy(47.8339, 0.2600, 0.2611)$

Have a look what the booklet for
Yxy(47.8339, 0.2600, 0.2611)
contains.

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Color

Yxy(47.9325, 0.2602, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	A4B7EE
RGB	164, 183, 238
RGB Percent	64%, 72%, 93%
CMY	0.3568, 0.2823, 0.0667
CMYK	0.31, 0.23, 0.00, 0.07
HSL	225°, 68%, 79%
HSV	225°, 31%, 93%
XYZ	47.6760, 47.9325, 87.6197
YIQ	183.5890, -28.9790, 13.0770

Conversions

Conversions Part 2

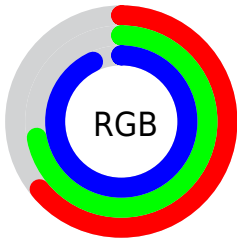
Format	Color
R_YB	164, 179, 238
Decimal	10794990
CIE Lab	74.78, 5.97, -29.51
CIE LCh	75, 30.104, 281.440
Yxy	47.9325, 0.2602, 0.2616
Android (android.graphics.Color)	4288985070 (0xFFA4B7EE)
YUV	183.5890, 26.8246, -17.1796
Hunter-Lab	69.2333, 1.7618, -26.5725

Details

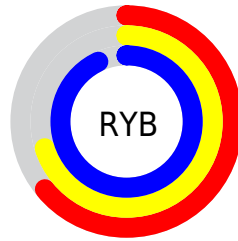
The Yxy color **47.9325, 0.2602, 0.2616** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.5190, 0.3653, 0.3883**, and the grayscale version is **47.5577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1686, 0.2912, 0.3125**, and **22.6577, 0.2459, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **38.7898, 0.2414, 0.2353**, and if you desaturate by 10%, it is **58.4699, 0.2783, 0.2858**.

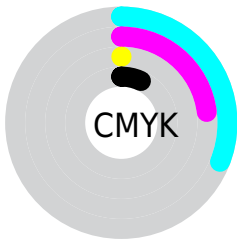
Distribution



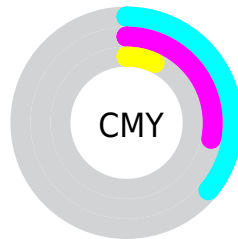
- Red (64%)
- Green (72%)
- Blue (93%)



- Red (64%)
- Yellow (70%)
- Blue (93%)



- Cyan (31%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (28%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9325, 0.2602, 0.2616 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 47.9325, 0.2602, 0.2616 by changing the saturation by 10% instead.

■ 47.9325, 0.2602,
0.2616

■ 47.9325, 0.2602,
0.2616

■ 378.5245, 0.2860,
0.2941

■ 33.7734, 0.2540,
0.2539

■ 87.1039, 0.2694,
0.2731

■ 22.7196, 0.2462,
0.2444

■ 112.8850, 0.2729,
0.2775

■ 14.3866, 0.2360,
0.2321

■ 143.3089, 0.2759,
0.2812

■ 8.3900, 0.2224,
0.2159

■ 178.7601, 0.2785,
0.2845

■ 4.3455, 0.2034,
0.1936

■ 219.6228, 0.2807,
0.2873

■ 1.8687, 0.1753,
0.1616

■ 266.2815, 0.2827,

■ 0.5294, 0.1305,

0.2898

0.1064

319.1206, 0.2844,
0.2921

0.0000, 0.0000,
0.0000

47.9325, 0.2602,
0.2616

47.9325, 0.2602,
0.2616

38.7898, 0.2414,
0.2353

58.4699, 0.2783,
0.2858

30.9758, 0.2225,
0.2075

70.4528, 0.2954,
0.3076

24.4273, 0.2043,
0.1790

83.9365, 0.3111,
0.3270

19.0733, 0.1879,
0.1513

98.1647, 0.3227,
0.3442

14.8351, 0.1742,
0.1257

98.9525, 0.3226,
0.3454

■ 11.6232, 0.1639,
0.1036

■ 9.5200, 0.1577,
0.0878

Harmonies

Analogous

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



47.9325, 0.2396, 0.2716



47.9325, 0.2602, 0.2616



47.9325, 0.2954, 0.2678

Triad

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



47.9325, 0.2602, 0.2616



47.9325, 0.3948, 0.3511



47.9325, 0.2849, 0.3762

Complementary

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



47.9325, 0.2602, 0.2616



71.5190, 0.3653, 0.3883

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.



47.9325, 0.3257, 0.4008



47.9325, 0.2602, 0.2616



47.9325, 0.3905, 0.3821

Square

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



47.9325, 0.2602, 0.2616



47.9325, 0.3751, 0.3174



47.9325, 0.3646, 0.4017



47.9325, 0.2530, 0.3368

Rectangle

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



47.9325, 0.2602, 0.2616



47.9325, 0.3236, 0.2798



47.9325, 0.3646, 0.4017



47.9325, 0.2980, 0.3867

Sweetspot

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



47.9344, 0.2602, 0.2616



85.4992, 0.2987, 0.3118



74.1129, 0.2784, 0.3522



17.8278, 0.2963, 0.3089



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.



47.9344, 0.2602, 0.2616



49.4045, 0.2489, 0.2459



42.5845, 0.2702, 0.2406



15.8883, 0.2980, 0.3109



5.4875, 0.1584, 0.0903



0.6115, 0.1653, 0.1150

Inverse Universe

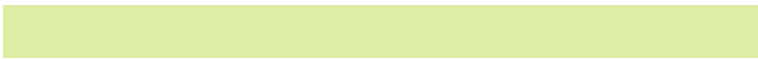
The Inverse Universe completely reimagines the original color for something new.



48.1497, 0.3652, 0.3080



50.1249, 0.3798, 0.3038



79.1538, 0.3471, 0.4100



15.8254, 0.3253, 0.3230



10.3473, 0.5908, 0.3028



0.8764, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 47.9325, 0.2602, 0.2616 looks on a white background.

Color Contrast Check

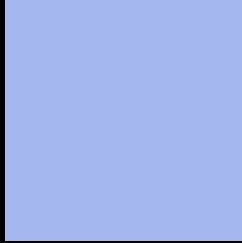
Large Text (above 18pt) WCAG AA × Fail

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 47.9325, 0.2602, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

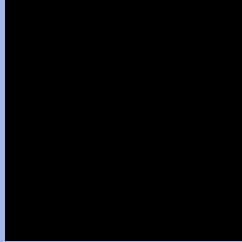
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

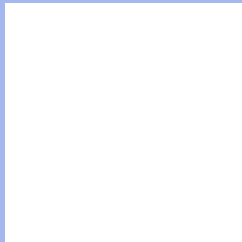
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9325, 0.2602, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 47.9325, 0.2602, 0.2616.



This preview shows how white text looks on a background with the Yxy color 47.9325, 0.2602, 0.2616.

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

47.9325, 0.2602, 0.2616

Protanopia

48.0053, 0.2640, 0.2620

Deuteranopia

47.9914, 0.2654, 0.2601



Tritanopia

47.9229, 0.2774, 0.3091

Trichromacy



Original Color

47.9325, 0.2602, 0.2616

Protanomaly

47.7858, 0.2627, 0.2618

Deuteranomaly

48.0640, 0.2634, 0.2609

Tritanomaly

47.9721, 0.2715, 0.2916

Monochromacy



Original Color

47.9325, 0.2602, 0.2616

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9877, 0.2920, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9325, 0.2602, 0.2616 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(164, 183, 238)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 238)  
}
```

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(164, 183, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 238) }
```

Border

The CSS property to change the border of an element to Yxy 47.9325, 0.2602, 0.2616 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(164, 183, 238) }
```

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

```
.border{ border-color:rgb(164, 183, 238) }
```

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

Here you see how a box with a 4 pixel rgb(164, 183, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 238);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9325, 0.2602, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 238) }
```

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

```
.background{ background-color: rgb(164,  
183, 238) }
```

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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