

Converting Colors

$Yxy(47.8405, 0.2567, 0.2690)$

Have a look what the booklet for
Yxy(47.8405, 0.2567, 0.2690)
contains.

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Color

Yxy(47.9283, 0.2564, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	9ABAEA
RGB	154, 186, 234
RGB Percent	60%, 73%, 92%
CMY	0.3962, 0.2706, 0.0822
CMYK	0.34, 0.21, 0.00, 0.08
HSL	216°, 66%, 76%
HSV	216°, 34%, 92%
XYZ	45.7343, 47.9283, 84.7084
YIQ	181.9040, -34.4800, 8.1440

Conversions

Conversions Part 2

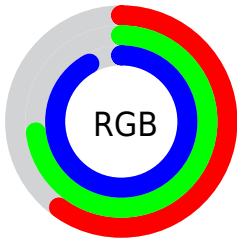
Format	Color
RYB	154, 177, 234
Decimal	10140394
CIELab	74.78, 0.51, -27.43
CIElCh	75, 27.432, 271.075
Yxy	47.9283, 0.2564, 0.2687
Android (android.graphics.Color)	4288330474 (0xFF9ABAEA)
YUV	181.9040, 25.6833, -24.4718
Hunter-Lab	69.2303, -3.2338, -24.0846

Details

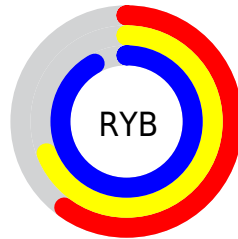
The Yxy color **47.9283, 0.2564, 0.2687** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.0648, 0.3752, 0.3825**, and the grayscale version is **46.5936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4259, 0.2853, 0.3154**, and **22.6987, 0.2416, 0.2530** is the 20% darker color. If you saturate the color by 10%, you get **40.2270, 0.2391, 0.2472**, and if you desaturate by 10%, it is **56.6620, 0.2736, 0.2885**.

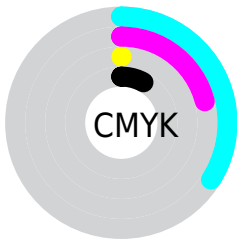
Distribution



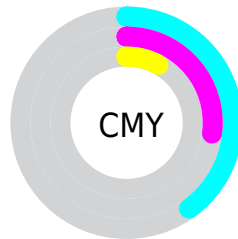
- Red (60%)
- Green (73%)
- Blue (92%)



- Red (60%)
- Yellow (69%)
- Blue (92%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9283, 0.2564, 0.2687 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 47.9283, 0.2564, 0.2687 by changing the saturation by 10% instead.

■ 47.9283, 0.2564,
0.2687

■ 47.9283, 0.2564,
0.2687

■ 378.5079, 0.2839,
0.2981

■ 33.7701, 0.2498,
0.2617

■ 87.0976, 0.2662,
0.2792

■ 22.7170, 0.2415,
0.2528

■ 112.8776, 0.2699,
0.2832

■ 14.3847, 0.2308,
0.2414

■ 143.3002, 0.2731,
0.2866

■ 8.3887, 0.2164,
0.2261

■ 178.7500, 0.2759,
0.2895

■ 4.3447, 0.1963,
0.2048

■ 219.6112, 0.2783,
0.2921

■ 1.8682, 0.1669,
0.1736

■ 266.2683, 0.2804,

■ 0.5291, 0.1148,

0.2943

0.1179

319.1058, 0.2822,
0.2963

0.0000, 0.0000,
0.0000

47.9283, 0.2564,
0.2687

47.9283, 0.2564,
0.2687

40.2270, 0.2391,
0.2472

56.6620, 0.2736,
0.2885

33.5096, 0.2221,
0.2245

66.4624, 0.2904,
0.3066

27.7318, 0.2063,
0.2011

77.3692, 0.3063,
0.3227

22.8427, 0.1922,
0.1777

89.4179, 0.3212,
0.3371

18.7855, 0.1806,
0.1553

98.7226, 0.3250,
0.3493

■ 15.4936, 0.1717,
0.1346

■ 13.8893, 0.1677,
0.1237

Harmonies

Analogous

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



47.9283, 0.2429, 0.2835



47.9283, 0.2564, 0.2687



47.9283, 0.2847, 0.2693

Triad

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



47.9283, 0.2564, 0.2687



47.9283, 0.3836, 0.3388



47.9283, 0.2999, 0.3816

Complementary

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



47.9283, 0.2564, 0.2687



62.0648, 0.3752, 0.3825

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.



47.9283, 0.3378, 0.3969



47.9283, 0.2564, 0.2687



47.9283, 0.3875, 0.3688

Square

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



47.9283, 0.2564, 0.2687



47.9283, 0.3592, 0.3084



47.9283, 0.3702, 0.3910



47.9283, 0.2669, 0.3492

Rectangle

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



47.9283, 0.2564, 0.2687



47.9283, 0.3093, 0.2775



47.9283, 0.3702, 0.3910



47.9283, 0.3125, 0.3890

Sweetspot

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



47.9302, 0.2564, 0.2687



86.1076, 0.2971, 0.3135



69.9335, 0.2819, 0.3701



18.0365, 0.2948, 0.3112



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.



47.9302, 0.2564, 0.2687



51.5756, 0.2443, 0.2539



36.5794, 0.2558, 0.2281



15.5384, 0.2980, 0.3145



8.0330, 0.1685, 0.1266



0.8145, 0.1761, 0.1540

Inverse Universe

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



44.1419, 0.3609, 0.2931



47.0354, 0.3751, 0.2856



77.5875, 0.3593, 0.4157



15.1539, 0.3230, 0.3196



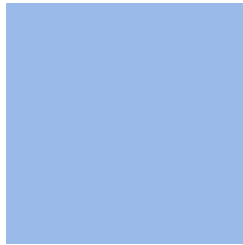
10.3037, 0.5374, 0.2734



0.8276, 0.5007, 0.2532

Previews

White Background



This preview shows how the Yxy color 47.9283, 0.2564, 0.2687 looks on a white background.

Color Contrast Check

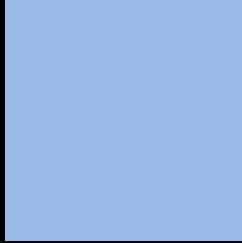
Large Text (above 18pt) WCAG AA × Fail

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 47.9283, 0.2564, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

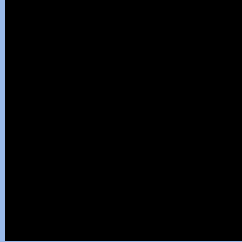
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

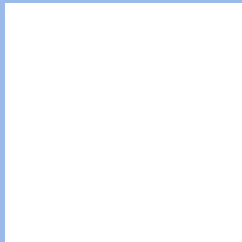
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9283, 0.2564, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 47.9283, 0.2564, 0.2687.



This preview shows how white text looks on a background with the Yxy color 47.9283, 0.2564, 0.2687.

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

47.9283, 0.2564, 0.2687

Protanopia

47.8833, 0.2691, 0.2688

Deuteranopia

47.6393, 0.2685, 0.2623



Tritanopia

47.9209, 0.2694, 0.3088

Trichromacy



Original Color

47.9283, 0.2564, 0.2687

Protanomaly

47.6925, 0.2645, 0.2683

Deuteranomaly

47.6695, 0.2639, 0.2639

Tritanomaly

47.8371, 0.2650, 0.2936

Monochromacy



Original Color

47.9283, 0.2564, 0.2687

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8547, 0.2902, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9283, 0.2564, 0.2687 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(154, 186, 234)` looks like.

```
.text, #text, p{  
    color:rgb(154, 186, 234)  
}
```

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(154, 186, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 186, 234) }
```

Border

The CSS property to change the border of an element to Yxy 47.9283, 0.2564, 0.2687 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(154, 186, 234) }
```

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

```
.border{ border-color:rgb(154, 186, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 186, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 186, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 186, 234);  
box-shadow:4px 4px 4px 4px rgb(154, 186,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9283, 0.2564, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 186, 234) }
```

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

```
.background{ background-color: rgb(154,  
186, 234) }
```

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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