

Converting Colors

$Yxy(49.9725, 0.2574, 0.2532)$

Have a look what the booklet for
Yxy(49.9725, 0.2574, 0.2532)
contains.

Yxy(49.9725, 0.2574, 0.2532)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9725, 0.2574, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	A9B9F9
RGB	169, 185, 249
RGB Percent	66%, 73%, 98%
CMY	0.3374, 0.2744, 0.0235
CMYK	0.32, 0.26, 0.00, 0.02
HSL	228°, 87%, 82%
HSV	228°, 32%, 98%
XYZ	50.8014, 49.9725, 96.5898
YIQ	187.5120, -30.0800, 16.5120

Conversions

Conversions Part 2

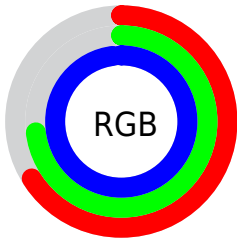
Format	Color
R _Y B	169, 182, 249
Decimal	11123193
CIE Lab	76.05, 8.99, -33.46
CIE LCh	76, 34.648, 285.047
Yxy	49.9725, 0.2574, 0.2532
Android (android.graphics.Color)	4289313273 (0xFFA9B9F9)
YUV	187.5120, 30.3136, -16.2350
Hunter-Lab	70.6912, 4.5673, -31.5277

Details

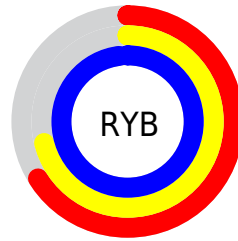
The Yxy color $49.9725, 0.2574, 0.2532$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.2421, 0.3661, 0.3947$, and the grayscale version is $49.8332, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2993, 0.2950, 0.3148$, and $23.8857, 0.2428, 0.2347$ is the 20% darker color. If you saturate the color by 10%, you get $39.7254, 0.2379, 0.2246$, and if you desaturate by 10%, it is $61.9134, 0.2761, 0.2797$.

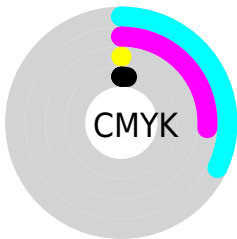
Distribution



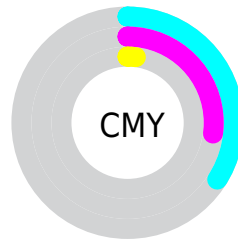
- Red (66%)
- Green (73%)
- Blue (98%)



- Red (66%)
- Yellow (71%)
- Blue (98%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9725, 0.2574, 0.2532 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 49.9725, 0.2574, 0.2532 by changing the saturation by 10% instead.

■ 49.9725, 0.2574,
0.2532

■ 49.9725, 0.2574,
0.2532

■ 386.5584, 0.2843,
0.2891

■ 35.3915, 0.2510,
0.2449

■ 90.1341, 0.2670,
0.2658

■ 23.9646, 0.2429,
0.2346

■ 116.4836, 0.2706,
0.2706

■ 15.3074, 0.2326,
0.2216

■ 147.5247, 0.2738,
0.2748

■ 9.0354, 0.2189,
0.2046

■ 183.6418, 0.2765,
0.2784

■ 4.7643, 0.1999,
0.1819

■ 225.2193, 0.2788,
0.2816

■ 2.1096, 0.1726,
0.1503

■ 272.6417, 0.2809,

■ 0.6700, 0.1318,

0.2844

0.1031

326.2932, 0.2827,
0.2869

0.0000, 0.0000,
0.0000

49.9725, 0.2574,
0.2532

49.9725, 0.2574,
0.2532

39.7254, 0.2379,
0.2246

61.9134, 0.2761,
0.2797

31.0883, 0.2184,
0.1946

75.6152, 0.2935,
0.3036

23.9787, 0.1997,
0.1645

91.1482, 0.3095,
0.3248

18.3043, 0.1830,
0.1358

99.6196, 0.3162,
0.3347

13.9622, 0.1694,
0.1103

■ 10.8340, 0.1598,
0.0897

■ 9.1189, 0.1549,
0.0774

Harmonies

Analogous

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



49.9725, 0.2323, 0.2617



49.9725, 0.2574, 0.2532



49.9725, 0.2985, 0.2623

Triad

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



49.9725, 0.2574, 0.2532



49.9725, 0.4069, 0.3577



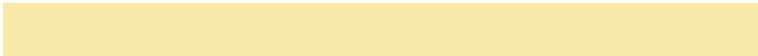
49.9725, 0.2759, 0.3781

Complementary

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



49.9725, 0.2574, 0.2532



81.2421, 0.3661, 0.3947

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.



49.9725, 0.3212, 0.4092



49.9725, 0.2574, 0.2532



49.9725, 0.3983, 0.3920

Square

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



49.9725, 0.2574, 0.2532



49.9725, 0.3877, 0.3199



49.9725, 0.3663, 0.4128



49.9725, 0.2421, 0.3317

Rectangle

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



49.9725, 0.2574, 0.2532



49.9725, 0.3306, 0.2768



49.9725, 0.3663, 0.4128



49.9725, 0.2902, 0.3911

Sweetspot

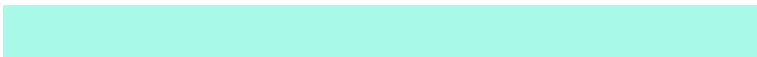
The Sweet Spot groups the original color and five complimentary colors.



49.9744, 0.2574, 0.2532



83.1587, 0.2971, 0.3083



81.9876, 0.2752, 0.3485



17.3266, 0.2947, 0.3052



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.



49.9744, 0.2574, 0.2532



45.1025, 0.2440, 0.2336



46.3554, 0.2713, 0.2376



17.2071, 0.2979, 0.3094



5.0394, 0.1555, 0.0796



0.6090, 0.1611, 0.0998

Inverse Universe

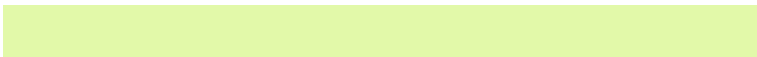
The Inverse Universe completely reimagines the original color for something new.



52.0007, 0.3720, 0.3120



48.0015, 0.3907, 0.3082



86.8345, 0.3456, 0.4139



17.2822, 0.3262, 0.3243



10.9196, 0.6076, 0.3121



1.0257, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 49.9725, 0.2574, 0.2532 looks on a white background.

Color Contrast Check

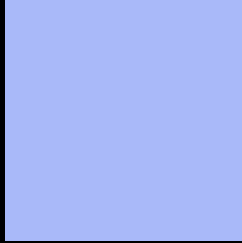
Large Text (above 18pt) WCAG AA × Fail

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 49.9725, 0.2574, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

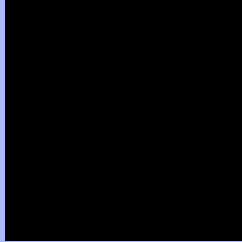
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9725, 0.2574, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 49.9725, 0.2574, 0.2532.



This preview shows how white text looks on a background with the Yxy color 49.9725, 0.2574, 0.2532.

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

49.9725, 0.2574, 0.2532

Protanopia

49.9725, 0.2574, 0.2532

Deuteranopia

49.7785, 0.2586, 0.2522



Tritanopia

50.1676, 0.2773, 0.3095

Trichromacy



Original Color

49.9725, 0.2574, 0.2532

Protanomaly

49.9725, 0.2574, 0.2532

Deuteranomaly

49.6666, 0.2579, 0.2521

Tritanomaly

49.9412, 0.2695, 0.2874

Monochromacy



Original Color

49.9725, 0.2574, 0.2532

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0175, 0.2910, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9725, 0.2574, 0.2532 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(169, 185, 249)` looks like.

```
.text, #text, p{  
    color:rgb(169, 185, 249)  
}
```

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(169, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 249) }
```

Border

The CSS property to change the border of an element to Yxy 49.9725, 0.2574, 0.2532 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(169, 185, 249) }
```

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

```
.border{ border-color:rgb(169, 185, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 249);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9725, 0.2574, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 185, 249) }
```

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

```
.background{ background-color: rgb(169,  
185, 249) }
```

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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