

Converting Colors

$Y_{xy}(44.1245, 0.2728, 0.2623)$

Have a look what the booklet for
Yxy(44.1245, 0.2728, 0.2623)
contains.

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Color

Yxy(44.2624, 0.2728, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	ADADE2
RGB	173, 173, 226
RGB Percent	68%, 68%, 89%
CMY	0.3218, 0.3215, 0.1137
CMYK	0.23, 0.23, 0.00, 0.11
HSL	240°, 48%, 78%
HSV	240°, 23%, 89%
XYZ	45.8943, 44.2624, 78.0775
YIQ	179.0420, -17.0130, 16.4830

Conversions

Conversions Part 2

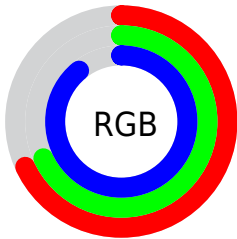
Format	Color
RYB	173, 173, 226
Decimal	11382242
CIELab	72.40, 11.21, -26.59
CIELCh	72, 28.861, 292.862
Yxy	44.2624, 0.2728, 0.2631
Android (android.graphics.Color)	4289572322 (0xFFADADE2)
YUV	179.0420, 23.1503, -5.2988
Hunter-Lab	66.5300, 6.7069, -23.0098

Details

The Yxy color $44.2624, 0.2728, 0.2631$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73.5323, 0.3481, 0.3874$, and the grayscale version is $44.9806, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.3648, 0.2967, 0.3014$, and $20.6081, 0.2615, 0.2457$ is the 20% darker color. If you saturate the color by 10%, you get $33.9665, 0.2526, 0.2297$, and if you desaturate by 10%, it is $56.4589, 0.2912, 0.2935$.

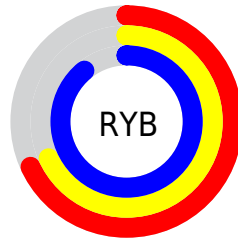
Distribution



Red (68%)

Green (68%)

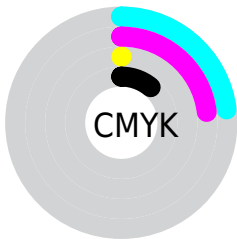
Blue (89%)



Red (68%)

Yellow (68%)

Blue (89%)

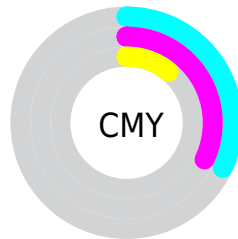


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2624, 0.2728, 0.2631 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 44.2624, 0.2728, 0.2631 by changing the saturation by 10% instead.

■ 44.2624, 0.2728,
0.2631

■ 44.2624, 0.2728,
0.2631

363.7780, 0.2929,
0.2951

■ 30.8769, 0.2678,
0.2555

■ 81.6124, 0.2801,
0.2745

■ 20.5051, 0.2614,
0.2459

106.3457, 0.2829,
0.2788

■ 12.7627, 0.2529,
0.2335

135.6304, 0.2852,
0.2825

■ 7.2654, 0.2413,
0.2170

169.8508, 0.2872,
0.2857

■ 3.6286, 0.2244,
0.1940

209.3914, 0.2889,
0.2885

■ 1.4681, 0.1982,
0.1603

254.6365, 0.2904,

■ 0.2661, 0.1508,

0.2910

0.0762

305.9706, 0.2917,
0.2931

0.0000, 0.0000,
0.0000

44.2624, 0.2728,
0.2631

44.2624, 0.2728,
0.2631

33.9665, 0.2526,
0.2297

56.4589, 0.2912,
0.2935

25.4707, 0.2312,
0.1944

70.6393, 0.3075,
0.3204

18.6732, 0.2097,
0.1588

86.8884, 0.3218,
0.3440

13.4598, 0.1895,
0.1255

98.2711, 0.3298,
0.3572

9.7027, 0.1724,
0.0972

■ 7.2538, 0.1599,
0.0764

■ 5.9342, 0.1525,
0.0642

■ 5.4990, 0.1500,
0.0601

Harmonies

Analogous

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



44.2624, 0.2464, 0.2667



44.2624, 0.2728, 0.2631



44.2624, 0.3113, 0.2747

Triad

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



44.2624, 0.2728, 0.2631



44.2624, 0.3948, 0.3632



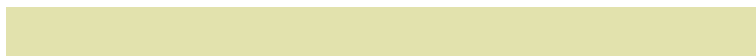
44.2624, 0.2719, 0.3616

Complementary

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



44.2624, 0.2728, 0.2631



73.5323, 0.3481, 0.3874

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.



44.2624, 0.3098, 0.3929



44.2624, 0.2728, 0.2631



44.2624, 0.3817, 0.3905

Square

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



44.2624, 0.2728, 0.2631



44.2624, 0.3841, 0.3301



44.2624, 0.3502, 0.4030



44.2624, 0.2458, 0.3213

Rectangle

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



44.2624, 0.2728, 0.2631



44.2624, 0.3394, 0.2896



44.2624, 0.3502, 0.4030



44.2624, 0.2836, 0.3738

Sweetspot

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



44.2642, 0.2728, 0.2631



85.9221, 0.3019, 0.3112



68.7142, 0.2786, 0.3299



18.1445, 0.3010, 0.3096



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.



44.2642, 0.2728, 0.2631



51.5231, 0.2635, 0.2477



47.4402, 0.2929, 0.2667



13.2468, 0.2980, 0.3048



3.1387, 0.1500, 0.0601



0.2188, 0.1501, 0.0604

Inverse Universe

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



49.0507, 0.3612, 0.3290



58.8237, 0.3744, 0.3291



69.7373, 0.3290, 0.3912



13.7009, 0.3292, 0.3290



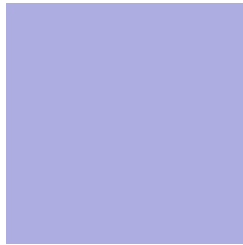
9.2249, 0.6399, 0.3299



0.6395, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 44.2624, 0.2728, 0.2631 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 44.2624, 0.2728, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

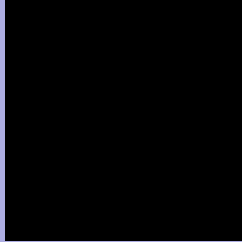
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2624, 0.2728, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 44.2624, 0.2728, 0.2631.



This preview shows how white text looks on a background with the Yxy color 44.2624, 0.2728, 0.2631.

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

44.2624, 0.2728, 0.2631

Protanopia

44.1539, 0.2652, 0.2622

Deuteranopia

44.1981, 0.2700, 0.2638



Tritanopia

44.3059, 0.2919, 0.3103

Trichromacy



Original Color

44.2624, 0.2728, 0.2631

Protanomaly

44.0336, 0.2678, 0.2625

Deuteranomaly

44.3091, 0.2707, 0.2640

Tritanomaly

44.2871, 0.2847, 0.2925

Monochromacy



Original Color

44.2624, 0.2728, 0.2631

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7769, 0.2978, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2624, 0.2728, 0.2631 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(173, 173, 226)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 226)  
}
```

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(173, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 226) }
```

Border

The CSS property to change the border of an element to Yxy 44.2624, 0.2728, 0.2631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

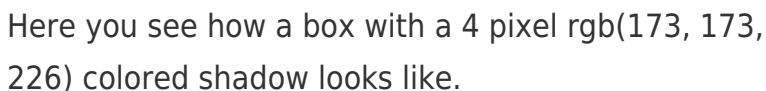
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 173, 226) }
```

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

```
.border{ border-color:rgb(173, 173, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 173, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 173, 226); box-shadow:4px 4px 4px 4px rgb(173, 173, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2624, 0.2728, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 226) }
```

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

```
.background{ background-color: rgb(173,  
173, 226) }
```

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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