

Converting Colors

$Yxy(44.5976, 0.2689, 0.2566)$

Have a look what the booklet for
Yxy(44.5976, 0.2689, 0.2566)
contains.

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Color

Yxy(44.5976, 0.2689, 0.2566)

Conversions

Conversions Part 1

Format	Color
Hex	ADADE8
RGB	173, 173, 232
RGB Percent	68%, 68%, 91%
CMY	0.3217, 0.3215, 0.0903
CMYK	0.25, 0.25, 0.00, 0.09
HSL	240°, 56%, 79%
HSV	240°, 25%, 91%
XYZ	46.7354, 44.5976, 82.4691
YIQ	179.7260, -18.9390, 18.3490

Conversions

Conversions Part 2

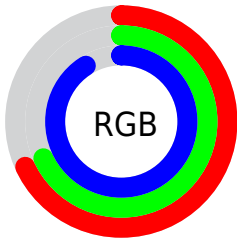
Format	Color
RYB	173, 173, 232
Decimal	11382248
CIELab	72.63, 12.64, -29.50
CIELCh	73, 32.096, 293.182
Yxy	44.5976, 0.2689, 0.2566
Android (android.graphics.Color)	4289572328 (0xFFADADE8)
YUV	179.7260, 25.7711, -5.8987
Hunter-Lab	66.7814, 8.0514, -26.4708

Details

The Yxy color $44.5976, 0.2689, 0.2566$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77.8449, 0.3511, 0.3924$, and the grayscale version is $45.3533, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.3648, 0.2967, 0.3014$, and $20.7313, 0.2564, 0.2385$ is the 20% darker color. If you saturate the color by 10%, you get $34.0473, 0.2484, 0.2226$, and if you desaturate by 10%, it is $57.1530, 0.2877, 0.2877$.

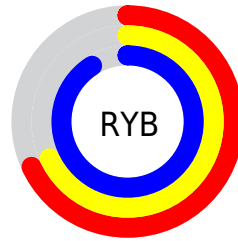
Distribution



Red (68%)

Green (68%)

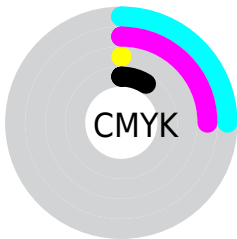
Blue (91%)



Red (68%)

Yellow (68%)

Blue (91%)

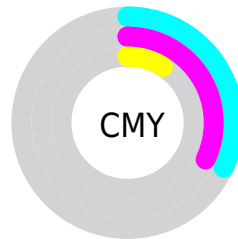


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (32%)

Magenta (32%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5976, 0.2689, 0.2566 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 44.5976, 0.2689, 0.2566 by changing the saturation by 10% instead.

■ 44.5976, 0.2689,
0.2566

■ 44.5976, 0.2689,
0.2566

365.1414, 0.2909,
0.2915

■ 31.1406, 0.2635,
0.2484

■ 82.1162, 0.2769,
0.2689

■ 20.7059, 0.2565,
0.2380

106.9467, 0.2799,
0.2737

■ 12.9092, 0.2474,
0.2248

136.3370, 0.2824,
0.2777

■ 7.3661, 0.2349,
0.2073

170.6717, 0.2846,
0.2812

■ 3.6921, 0.2170,
0.1833

210.3350, 0.2865,
0.2843

■ 1.5028, 0.1896,
0.1489

255.7115, 0.2882,

■ 0.2907, 0.1440,

0.2870

0.0716

307.1855, 0.2896,
0.2894

0.0000, 0.0000,
0.0000

44.5976, 0.2689,
0.2566

44.5976, 0.2689,
0.2566

34.0473, 0.2484,
0.2226

57.1530, 0.2877,
0.2877

25.3934, 0.2268,
0.1870

71.8041, 0.3045,
0.3154

18.5250, 0.2054,
0.1516

88.6424, 0.3192,
0.3396

13.3177, 0.1857,
0.1190

98.6047, 0.3262,
0.3513

9.6308, 0.1694,
0.0921

■ 7.3009, 0.1579,
0.0730

■ 6.1266, 0.1517,
0.0627

■ 5.8280, 0.1500,
0.0600

Harmonies

Analogous

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



44.5976, 0.2399, 0.2601



44.5976, 0.2689, 0.2566



44.5976, 0.3115, 0.2696

Triad

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



44.5976, 0.2689, 0.2566



44.5976, 0.4037, 0.3666



44.5976, 0.2670, 0.3648

Complementary

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



44.5976, 0.2689, 0.2566



77.8449, 0.3511, 0.3924

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.



44.5976, 0.3087, 0.4002



44.5976, 0.2689, 0.2566



44.5976, 0.3887, 0.3970

Square

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



44.5976, 0.2689, 0.2566



44.5976, 0.3923, 0.3302



44.5976, 0.3534, 0.4113



44.5976, 0.2387, 0.3196

Rectangle

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



44.5976, 0.2689, 0.2566



44.5976, 0.3427, 0.2858



44.5976, 0.3534, 0.4113



44.5976, 0.2798, 0.3786

Sweetspot

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



44.5994, 0.2689, 0.2566



84.0096, 0.3003, 0.3085



72.3494, 0.2760, 0.3300



17.3797, 0.2978, 0.3044



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.



44.5994, 0.2689, 0.2566



47.4956, 0.2573, 0.2374



48.1889, 0.2908, 0.2609



13.8887, 0.2980, 0.3047



3.2370, 0.1500, 0.0600



0.2397, 0.1501, 0.0602

Inverse Universe

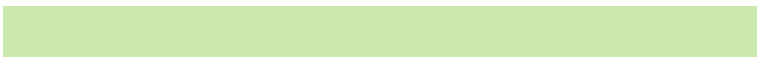
The Inverse Universe completely reimagines the original color for something new.



50.0475, 0.3666, 0.3291



55.4257, 0.3836, 0.3292



73.4761, 0.3303, 0.3969



14.3682, 0.3292, 0.3290



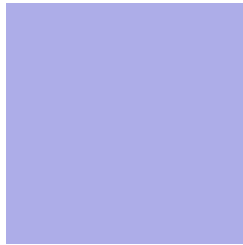
9.5245, 0.6400, 0.3299



0.7039, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 44.5976, 0.2689, 0.2566 looks on a white background.

Color Contrast Check

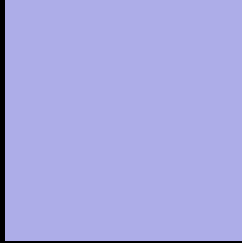
Large Text (above 18pt) WCAG AA × Fail

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 44.5976, 0.2689, 0.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

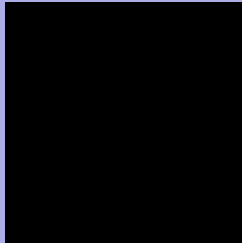
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5976, 0.2689, 0.2566

Background



This preview shows how black text looks on a background with the Yxy color 44.5976, 0.2689, 0.2566.



This preview shows how white text looks on a background with the Yxy color 44.5976, 0.2689, 0.2566.

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

44.5976, 0.2689, 0.2566

Protanopia

44.6726, 0.2602, 0.2567

Deuteranopia

44.7016, 0.2648, 0.2583



Tritanopia

44.6445, 0.2904, 0.3103

Trichromacy



Original Color

44.5976, 0.2689, 0.2566

Protanomaly

44.6501, 0.2634, 0.2570

Deuteranomaly

44.5333, 0.2661, 0.2573

Tritanomaly

44.4334, 0.2825, 0.2888

Monochromacy



Original Color

44.5976, 0.2689, 0.2566

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9149, 0.2955, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5976, 0.2689, 0.2566 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 232) }
```

Border

The CSS property to change the border of an element to Yxy 44.5976, 0.2689, 0.2566 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, 232) }
```

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

```
.border{ border-color:rgb(173, 173, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 232);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5976, 0.2689, 0.2566 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, 232) }
```

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

```
.background{ background-color: rgb(173,  
173, 232) }
```

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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