

Converting Colors

$Y_{xy}(44.1775, 0.2593, 0.2553)$

Have a look what the booklet for
Yxy(44.1775, 0.2593, 0.2553)
contains.

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Color

Yxy(44.1775, 0.2593, 0.2553)

Conversions

Conversions Part 1

Format	Color
Hex	A1AFEA
RGB	161, 175, 234
RGB Percent	63%, 69%, 92%
CMY	0.3688, 0.3136, 0.0824
CMYK	0.31, 0.25, 0.00, 0.08
HSL	228°, 63%, 77%
HSV	228°, 31%, 92%
XYZ	44.8697, 44.1775, 83.9944
YIQ	177.5400, -27.2830, 15.3810

Conversions

Conversions Part 2

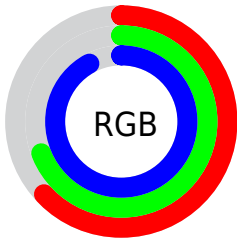
Format	Color
R_{YB}	161, 173, 234
Decimal	10596330
CIE Lab	72.35, 8.52, -31.10
CIE LCh	72, 32.248, 285.311
Yxy	44.1775, 0.2593, 0.2553
Android (android.graphics.Color)	4288786410 (0xFFA1AFE8)
YUV	177.5400, 27.8348, -14.5056
Hunter-Lab	66.4662, 4.1852, -28.3994

Details

The Yxy color $44.1775, 0.2593, 0.2553$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71.2053, 0.3640, 0.3932$, and the grayscale version is $44.1234, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5653, 0.2890, 0.3029$, and $20.5061, 0.2445, 0.2367$ is the 20% darker color. If you saturate the color by 10%, you get $35.1249, 0.2399, 0.2267$, and if you desaturate by 10%, it is $54.7172, 0.2779, 0.2817$.

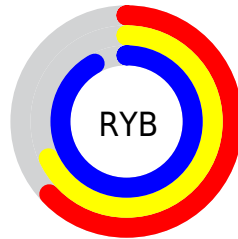
Distribution



Red (63%)

Green (69%)

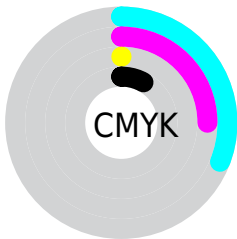
Blue (92%)



Red (63%)

Yellow (68%)

Blue (92%)

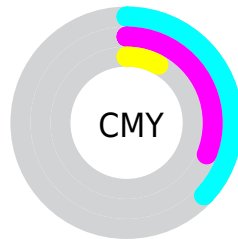


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (37%)


Magenta (31%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1775, 0.2593, 0.2553 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 44.1775, 0.2593, 0.2553 by changing the saturation by 10% instead.


 44.1775, 0.2593,
0.2553


 44.1775, 0.2593,
0.2553

363.4321, 0.2859,
0.2910

 30.8101, 0.2528,
0.2468


 81.4848, 0.2689,
0.2680

 20.4543, 0.2445,
0.2362


 106.1934, 0.2725,
0.2728

 12.7257, 0.2337,
0.2225


135.4512, 0.2756,
0.2770

 7.2399, 0.2191,
0.2045

169.6427, 0.2782,
0.2805

 3.6126, 0.1985,
0.1796

209.1521, 0.2805,
0.2837

 1.4593, 0.1678,
0.1442

254.3638, 0.2825,

 0.2598, 0.1116,

0.2864

0.0638

305.6624, 0.2843,
0.2888

0.0000, 0.0000,
0.0000

44.1775, 0.2593,
0.2553

44.1775, 0.2593,
0.2553

35.1249, 0.2399,
0.2267

54.7172, 0.2779,
0.2817

27.4862, 0.2202,
0.1966

66.8022, 0.2951,
0.3055

21.1899, 0.2014,
0.1663

80.4939, 0.3109,
0.3266

16.1557, 0.1844,
0.1373

95.8489, 0.3251,
0.3451

12.2944, 0.1704,
0.1115

98.7198, 0.3250,
0.3493

■ 9.5041, 0.1603,
0.0904

■ 7.8223, 0.1546,
0.0766

Harmonies

Analogous

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



44.1775, 0.2347, 0.2635



44.1775, 0.2593, 0.2553



44.1775, 0.2993, 0.2643

Triad

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



44.1775, 0.2593, 0.2553



44.1775, 0.4041, 0.3574



44.1775, 0.2767, 0.3762

Complementary

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



44.1775, 0.2593, 0.2553



71.2053, 0.3640, 0.3932

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.



44.1775, 0.3207, 0.4065



44.1775, 0.2593, 0.2553



44.1775, 0.3956, 0.3905

Square

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



44.1775, 0.2593, 0.2553



44.1775, 0.3857, 0.3206



44.1775, 0.3645, 0.4104



44.1775, 0.2439, 0.3314

Rectangle

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



44.1775, 0.2593, 0.2553



44.1775, 0.3306, 0.2785



44.1775, 0.3645, 0.4104



44.1775, 0.2906, 0.3888

Sweetspot

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



44.1792, 0.2593, 0.2553



84.6467, 0.2987, 0.3103



71.5452, 0.2757, 0.3463



17.6192, 0.2963, 0.3071



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.



44.1792, 0.2593, 0.2553



46.9310, 0.2478, 0.2385



41.4622, 0.2739, 0.2412



15.0185, 0.2980, 0.3094



4.5331, 0.1552, 0.0787



0.4861, 0.1618, 0.1025

Inverse Universe

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



46.0585, 0.3700, 0.3132



49.8752, 0.3858, 0.3101



75.4187, 0.3437, 0.4113



15.1015, 0.3263, 0.3245



9.9504, 0.6091, 0.3129



0.7945, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 44.1775, 0.2593, 0.2553 looks on a white background.

Color Contrast Check

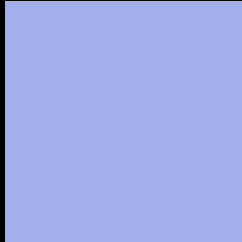
Large Text (above 18pt) WCAG AA × Fail

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 44.1775, 0.2593, 0.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

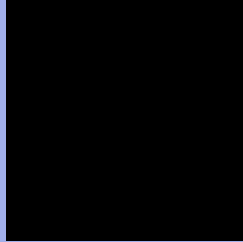
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1775, 0.2593, 0.2553

Background



This preview shows how black text looks on a background with the Yxy color 44.1775, 0.2593, 0.2553.



This preview shows how white text looks on a background with the Yxy color 44.1775, 0.2593, 0.2553.

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

44.1775, 0.2593, 0.2553

Protanopia

44.1775, 0.2593, 0.2553

Deuteranopia

43.9991, 0.2606, 0.2543



Tritanopia

44.2137, 0.2791, 0.3098

Trichromacy



Original Color

44.1775, 0.2593, 0.2553

Protanomaly

44.1775, 0.2593, 0.2553

Deuteranomaly

43.8940, 0.2599, 0.2541

Tritanomaly

43.9613, 0.2715, 0.2879

Monochromacy



Original Color

44.1775, 0.2593, 0.2553

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2922, 0.2922, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1775, 0.2593, 0.2553 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(161, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 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(161, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 234) }
```

Border

The CSS property to change the border of an element to Yxy 44.1775, 0.2593, 0.2553 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(161, 175, 234) }
```

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

```
.border{ border-color:rgb(161, 175, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 175, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1775, 0.2593, 0.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 234) }
```

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

```
.background{ background-color: rgb(161,  
175, 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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