

Converting Colors

$Yxy(44.1015, 0.2571, 0.2563)$

Have a look what the booklet for
Yxy(44.1015, 0.2571, 0.2563)
contains.

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Color

Yxy(44.1593, 0.2567, 0.2560)

Conversions

Conversions Part 1

Format	Color
Hex	9DB0EA
RGB	157, 176, 234
RGB Percent	62%, 69%, 92%
CMY	0.3844, 0.3098, 0.0822
CMYK	0.33, 0.25, 0.00, 0.08
HSL	225°, 65%, 77%
HSV	225°, 33%, 92%
XYZ	44.2800, 44.1593, 84.0579
YIQ	176.9310, -29.9420, 14.0100

Conversions

Conversions Part 2

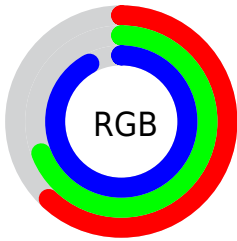
Format	Color
R_{YB}	157, 172, 234
Decimal	10334442
CIE _{Lab}	72.33, 6.85, -31.17
CIE _{LCh}	72, 31.915, 282.403
Yxy	44.1593, 0.2567, 0.2560
Android (android.graphics.Color)	4288524522 (0xFF9DB0EA)
YUV	176.9310, 28.1350, -17.4795
Hunter-Lab	66.4525, 2.6502, -28.4812

Details

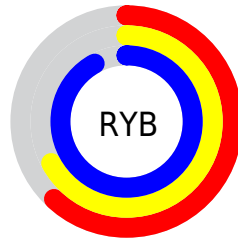
The Yxy color **44.1593, 0.2567, 0.2560** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.5304, 0.3685, 0.3926**, and the grayscale version is **43.7884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5180, 0.2866, 0.3038**, and **20.5132, 0.2414, 0.2376** is the 20% darker color. If you saturate the color by 10%, you get **35.5607, 0.2377, 0.2290**, and if you desaturate by 10%, it is **54.1092, 0.2750, 0.2809**.

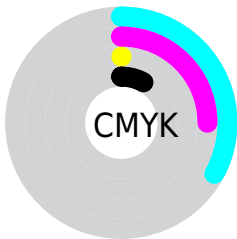
Distribution



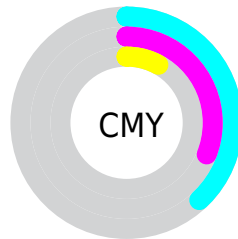
- Red (62%)
- Green (69%)
- Blue (92%)



- Red (62%)
- Yellow (67%)
- Blue (92%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1593, 0.2567, 0.2560 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 44.1593, 0.2567, 0.2560 by changing the saturation by 10% instead.

■ 44.1593, 0.2567,
0.2560

■ 44.1593, 0.2567,
0.2560

■ 363.3579, 0.2845,
0.2915

■ 30.7958, 0.2499,
0.2475

■ 81.4574, 0.2667,
0.2686

■ 20.4434, 0.2413,
0.2370

■ 106.1607, 0.2705,
0.2734

■ 12.7177, 0.2301,
0.2233

■ 135.4128, 0.2737,
0.2775

■ 7.2345, 0.2150,
0.2053

■ 169.5980, 0.2765,
0.2811

■ 3.6092, 0.1937,
0.1804

■ 209.1007, 0.2789,
0.2842

■ 1.4574, 0.1621,
0.1448

■ 254.3054, 0.2810,

■ 0.2585, 0.1022,

0.2869

0.0640

305.5963, 0.2829,
0.2893

0.0000, 0.0000,
0.0000

44.1593, 0.2567,
0.2560

44.1593, 0.2567,
0.2560

35.5607, 0.2377,
0.2290

54.1092, 0.2750,
0.2809

28.2482, 0.2188,
0.2007

65.4614, 0.2923,
0.3035

22.1584, 0.2008,
0.1720

78.2705, 0.3083,
0.3236

17.2206, 0.1847,
0.1444

92.5867, 0.3229,
0.3413

13.3556, 0.1715,
0.1192

98.7226, 0.3250,
0.3493

■ 10.4727, 0.1620,
0.0981

■ 8.9505, 0.1572,
0.0860

Harmonies

Analogous

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



44.1593, 0.2340, 0.2659



44.1593, 0.2567, 0.2560



44.1593, 0.2952, 0.2633

Triad

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



44.1593, 0.2567, 0.2560



44.1593, 0.4025, 0.3537



44.1593, 0.2810, 0.3795

Complementary

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



44.1593, 0.2567, 0.2560



68.5304, 0.3685, 0.3926

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.



44.1593, 0.3250, 0.4072



44.1593, 0.2567, 0.2560



44.1593, 0.3967, 0.3872

Square

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



44.1593, 0.2567, 0.2560



44.1593, 0.3818, 0.3173



44.1593, 0.3677, 0.4085



44.1593, 0.2470, 0.3358

Rectangle

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



44.1593, 0.2567, 0.2560



44.1593, 0.3259, 0.2765



44.1593, 0.3677, 0.4085



44.1593, 0.2950, 0.3913

Sweetspot

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



44.1610, 0.2567, 0.2560



83.8361, 0.2971, 0.3095



70.9253, 0.2759, 0.3522



17.4894, 0.2948, 0.3066



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.



44.1610, 0.2567, 0.2560



45.9125, 0.2430, 0.2366



39.3030, 0.2682, 0.2350



15.1534, 0.2980, 0.3107



5.1944, 0.1579, 0.0885



0.5559, 0.1651, 0.1144

Inverse Universe

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



44.7363, 0.3701, 0.3076



47.2648, 0.3888, 0.3028



75.7114, 0.3481, 0.4152



15.1151, 0.3254, 0.3232



10.0172, 0.5936, 0.3044



0.8015, 0.5546, 0.2829

Previews

White Background



This preview shows how the Yxy color 44.1593, 0.2567, 0.2560 looks on a white background.

Color Contrast Check

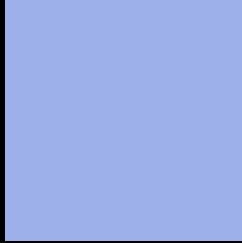
Large Text (above 18pt) WCAG AA × Fail

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 44.1593, 0.2567, 0.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

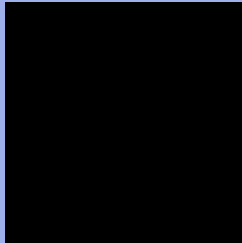
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1593, 0.2567, 0.2560

Background



This preview shows how black text looks on a background with the Yxy color 44.1593, 0.2567, 0.2560.



This preview shows how white text looks on a background with the Yxy color 44.1593, 0.2567, 0.2560.

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

44.1593, 0.2567, 0.2560

Protanopia

44.1202, 0.2599, 0.2564

Deuteranopia

43.9991, 0.2606, 0.2543



Tritanopia

44.2878, 0.2756, 0.3097

Trichromacy



Original Color

44.1593, 0.2567, 0.2560

Protanomaly

44.0167, 0.2592, 0.2562

Deuteranomaly

44.1775, 0.2593, 0.2553

Tritanomaly

43.9711, 0.2688, 0.2889

Monochromacy



Original Color

44.1593, 0.2567, 0.2560

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0675, 0.2905, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1593, 0.2567, 0.2560 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(157, 176, 234)` looks like.

```
.text, #text, p{  
    color:rgb(157, 176, 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(157, 176, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 176, 234) }
```

Border

The CSS property to change the border of an element to Yxy 44.1593, 0.2567, 0.2560 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(157, 176, 234) }
```

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

```
.border{ border-color:rgb(157, 176, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 176, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 176, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 176, 234);  
box-shadow:4px 4px 4px 4px rgb(157, 176,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1593, 0.2567, 0.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 176, 234) }
```

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

```
.background{ background-color: rgb(157,  
176, 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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