

Converting Colors

$Y_{xy}(44.0700, 0.2585, 0.2626)$

Have a look what the booklet for
Yxy(44.0700, 0.2585, 0.2626)
contains.

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Color

Yxy(44.0700, 0.2585, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	9BB1E5
RGB	155, 177, 229
RGB Percent	61%, 69%, 90%
CMY	0.3923, 0.3059, 0.1018
CMYK	0.32, 0.23, 0.00, 0.10
HSL	222°, 59%, 75%
HSV	222°, 32%, 90%
XYZ	43.3819, 44.0700, 80.3699
YIQ	176.3500, -29.8040, 11.5080

Conversions

Conversions Part 2

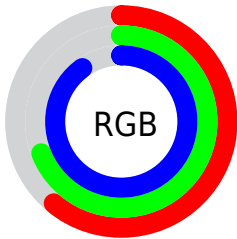
Format	Color
RYB	155, 172, 229
Decimal	10203621
CIELab	72.28, 4.47, -28.55
CIELCh	72, 28.898, 278.905
Yxy	44.0700, 0.2585, 0.2626
Android (android.graphics.Color)	4288393701 (0xFF9BB1E5)
YUV	176.3500, 25.9565, -18.7239
Hunter-Lab	66.3852, 0.4734, -25.3103

Details

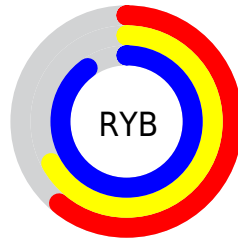
The Yxy color **44.0700, 0.2585, 0.2626** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.6543, 0.3685, 0.3874**, and the grayscale version is **43.4811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3467, 0.2855, 0.3059**, and **20.4511, 0.2436, 0.2461** is the 20% darker color. If you saturate the color by 10%, you get **36.0308, 0.2401, 0.2376**, and if you desaturate by 10%, it is **53.2918, 0.2764, 0.2856**.

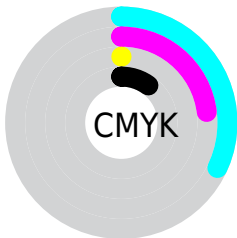
Distribution



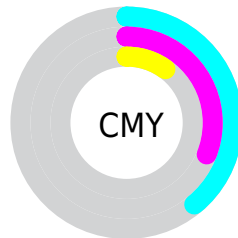
- Red (61%)
- Green (69%)
- Blue (90%)



- Red (61%)
- Yellow (67%)
- Blue (90%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0700, 0.2585, 0.2626 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 44.0700, 0.2585, 0.2626 by changing the saturation by 10% instead.

■ 44.0700, 0.2585,
0.2626

■ 44.0700, 0.2585,
0.2626

■ 362.9939, 0.2854,
0.2951

■ 30.7255, 0.2519,
0.2548

■ 81.3231, 0.2682,
0.2742

■ 20.3899, 0.2436,
0.2449

■ 106.0005, 0.2719,
0.2786

■ 12.6788, 0.2326,
0.2321

■ 135.2243, 0.2750,
0.2824

■ 7.2078, 0.2178,
0.2150

■ 169.3790, 0.2777,
0.2857

■ 3.5924, 0.1969,
0.1912

■ 208.8489, 0.2800,
0.2885

■ 1.4483, 0.1655,
0.1563

■ 254.0184, 0.2820,

■ 0.2519, 0.0982,

0.2910

0.0710

305.2719, 0.2838,
0.2932

0.0000, 0.0000,
0.0000

44.0700, 0.2585,
0.2626

44.0700, 0.2585,
0.2626

36.0308, 0.2401,
0.2376

53.2918, 0.2764,
0.2856

29.1187, 0.2218,
0.2112

63.7381, 0.2934,
0.3064

23.2813, 0.2043,
0.1842

75.4552, 0.3092,
0.3250

18.4593, 0.1886,
0.1576

88.4850, 0.3238,
0.3414

14.5871, 0.1755,
0.1328

98.4388, 0.3279,
0.3542

■ 11.5893, 0.1657,
0.1111

■ 9.8092, 0.1603,
0.0969

Harmonies

Analogous

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



44.0700, 0.2396, 0.2739



44.0700, 0.2585, 0.2626



44.0700, 0.2923, 0.2674

Triad

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



44.0700, 0.2585, 0.2626



44.0700, 0.3930, 0.3481



44.0700, 0.2885, 0.3784

Complementary

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



44.0700, 0.2585, 0.2626



63.6543, 0.3685, 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.



44.0700, 0.3290, 0.4008



44.0700, 0.2585, 0.2626



44.0700, 0.3908, 0.3792

Square

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



44.0700, 0.2585, 0.2626



44.0700, 0.3718, 0.3148



44.0700, 0.3668, 0.3998



44.0700, 0.2559, 0.3402

Rectangle

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



44.0700, 0.2585, 0.2626



44.0700, 0.3199, 0.2786



44.0700, 0.3668, 0.3998



44.0700, 0.3016, 0.3882

Sweetspot

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



44.0717, 0.2585, 0.2626



84.5785, 0.2971, 0.3109



67.5173, 0.2786, 0.3564



17.6680, 0.2948, 0.3081



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.



44.0717, 0.2585, 0.2626



48.9976, 0.2458, 0.2456



37.6159, 0.2663, 0.2363



14.5825, 0.2981, 0.3120



5.7899, 0.1610, 0.0995



0.5855, 0.1690, 0.1284

Inverse Universe

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



43.2722, 0.3649, 0.3038



48.3947, 0.3810, 0.2982



72.7502, 0.3502, 0.4127



14.4382, 0.3246, 0.3220



9.7822, 0.5765, 0.2950



0.7388, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 44.0700, 0.2585, 0.2626 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 44.0700, 0.2585, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

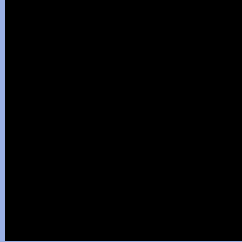
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0700, 0.2585, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 44.0700, 0.2585, 0.2626.



This preview shows how white text looks on a background with the Yxy color 44.0700, 0.2585, 0.2626.

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

44.0700, 0.2585, 0.2626

Protanopia

44.0479, 0.2644, 0.2621

Deuteranopia

44.0923, 0.2652, 0.2590



Tritanopia

44.1941, 0.2749, 0.3097

Trichromacy



Original Color

44.0700, 0.2585, 0.2626

Protanomaly

44.1257, 0.2625, 0.2630

Deuteranomaly

44.0545, 0.2625, 0.2598

Tritanomaly

44.2305, 0.2689, 0.2915

Monochromacy



Original Color

44.0700, 0.2585, 0.2626

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3156, 0.2911, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0700, 0.2585, 0.2626 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(155, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 229)  
}
```

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(155, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 229) }
```

Border

The CSS property to change the border of an element to Yxy 44.0700, 0.2585, 0.2626 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(155, 177, 229) }
```

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

```
.border{ border-color:rgb(155, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 177, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 177, 229);  
box-shadow:4px 4px 4px 4px rgb(155, 177,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0700, 0.2585, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 229) }
```

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

```
.background{ background-color: rgb(155,  
177, 229) }
```

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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