

Converting Colors

$Y_{xy}(25.8765, 0.2590, 0.2437)$

Have a look what the booklet for
Yxy(25.8765, 0.2590, 0.2437)
contains.

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Color

Yxy(25.9951, 0.2592, 0.2442)

Conversions

Conversions Part 1

Format	Color
Hex	8487BF
RGB	132, 135, 191
RGB Percent	52%, 53%, 75%
CMY	0.4821, 0.4707, 0.2509
CMYK	0.31, 0.29, 0.00, 0.25
HSL	237°, 32%, 63%
HSV	237°, 31%, 75%
XYZ	27.5919, 25.9951, 52.8631
YIQ	140.4870, -19.7640, 16.7800

Conversions

Conversions Part 2

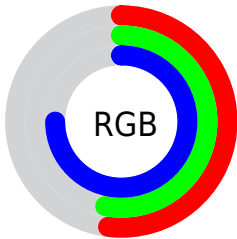
Format	Color
RYB	132, 135, 191
Decimal	8685503
CIELab	58.03, 11.96, -29.55
CIELCh	58, 31.879, 292.041
Yxy	25.9951, 0.2592, 0.2442
Android (android.graphics.Color)	4286875583 (0xFF8487BF)
YUV	140.4870, 24.9029, -7.4431
Hunter-Lab	50.9854, 7.3747, -25.7838

Details

The Yxy color **25.9951, 0.2592, 0.2442** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7530, 0.3597, 0.4017**, and the grayscale version is **26.3357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1829, 0.2698, 0.2600**, and **10.0086, 0.2402, 0.2171** is the 20% darker color. If you saturate the color by 10%, you get **19.9531, 0.2387, 0.2112**, and if you desaturate by 10%, it is **33.1849, 0.2784, 0.2749**.

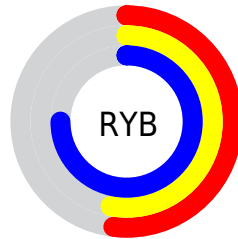
Distribution



Red (52%)

Green (53%)

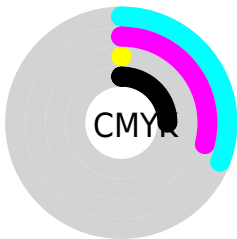
Blue (75%)



Red (52%)

Yellow (53%)

Blue (75%)

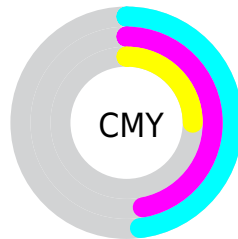


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9951, 0.2592, 0.2442 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 25.9951, 0.2592, 0.2442 by changing the saturation by 10% instead.

■ 25.9951, 0.2592,
0.2442

■ 25.9951, 0.2592,
0.2442

■ 282.7580, 0.2883,
0.2885

■ 16.8200, 0.2512,
0.2327

■ 53.2670, 0.2703,
0.2607

■ 10.1062, 0.2405,
0.2177

■ 72.1326, 0.2744,
0.2667

■ 5.4694, 0.2256,
0.1976

■ 94.9972, 0.2777,
0.2718

■ 2.5252, 0.2037,
0.1694

■ 122.2451, 0.2805,
0.2762

■ 0.8892, 0.1693,
0.1283

■ 154.2607, 0.2829,
0.2799

■ 0.0000, 0.0387,
0.0000

■ 191.4285, 0.2850,

■ 0.0000, 0.0000,

0.2831

0.0000

234.1328, 0.2868,
0.2860

■ 25.9951, 0.2592,
0.2442

■ 25.9951, 0.2592,
0.2442

■ 19.9531, 0.2387,
0.2112

■ 33.1849, 0.2784,
0.2749

■ 14.9965, 0.2178,
0.1771

■ 41.5744, 0.2959,
0.3025

■ 11.0620, 0.1976,
0.1439

■ 51.2161, 0.3115,
0.3270

■ 8.0782, 0.1797,
0.1137

■ 62.1581, 0.3251,
0.3484

■ 5.9645, 0.1654,
0.0892

■ 74.4466, 0.3371,
0.3669

■ 4.6270, 0.1557,
0.0719

■ 88.1249, 0.3474,
0.3828

■ 3.9679, 0.1508,
0.0629

■ 96.5424, 0.3508,
0.3919

Harmonies

Analogous

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



25.9951, 0.2265, 0.2485



25.9951, 0.2592, 0.2442



25.9951, 0.3087, 0.2587

Triad

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



25.9951, 0.2592, 0.2442



25.9951, 0.4209, 0.3703



25.9951, 0.2599, 0.3738

Complementary

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



25.9951, 0.2592, 0.2442



48.7530, 0.3597, 0.4017

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.



25.9951, 0.3092, 0.4161



25.9951, 0.2592, 0.2442



25.9951, 0.4035, 0.4074

Square

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



25.9951, 0.2592, 0.2442



25.9951, 0.4064, 0.3278



25.9951, 0.3619, 0.4270



25.9951, 0.2265, 0.3190

Rectangle

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



25.9951, 0.2592, 0.2442



25.9951, 0.3459, 0.2771



25.9951, 0.3619, 0.4270



25.9951, 0.2751, 0.3905

Sweetspot

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



25.9961, 0.2592, 0.2442



77.2561, 0.2987, 0.3070



45.8134, 0.2708, 0.3331



16.4357, 0.2963, 0.3032



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9961, 0.2592, 0.2442



39.0574, 0.2455, 0.2222



27.6105, 0.2835, 0.2456



9.2992, 0.2984, 0.3065



2.6422, 0.1510, 0.0637



0.1298, 0.1550, 0.0778

Inverse Universe

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



29.3464, 0.3781, 0.3252



46.1089, 0.3990, 0.3243



46.8812, 0.3353, 0.4113



9.5438, 0.3281, 0.3279



7.2964, 0.6338, 0.3265



0.2885, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 25.9951, 0.2592, 0.2442 looks on a white background.

Color Contrast Check

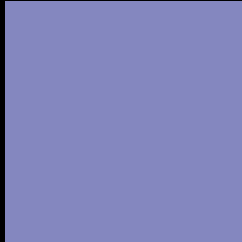
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9951, 0.2592, 0.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

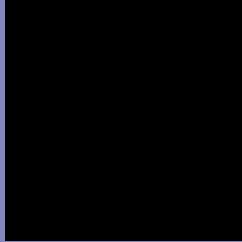
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9951, 0.2592, 0.2442

Background



This preview shows how black text looks on a background with the Yxy color 25.9951, 0.2592, 0.2442.



This preview shows how white text looks on a background with the Yxy color 25.9951, 0.2592, 0.2442.

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

25.9951, 0.2592, 0.2442

Protanopia

25.9525, 0.2505, 0.2431

Deuteranopia

26.1797, 0.2537, 0.2488



Tritanopia

25.9642, 0.2832, 0.3087

Trichromacy



Original Color

25.9951, 0.2592, 0.2442

Protanomaly

25.8497, 0.2535, 0.2434

Deuteranomaly

26.1211, 0.2560, 0.2477

Tritanomaly

25.7673, 0.2745, 0.2833

Monochromacy



Original Color

25.9951, 0.2592, 0.2442

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9985, 0.2912, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9951, 0.2592, 0.2442 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(132, 135, 191)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 191)  
}
```

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(132, 135, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 191) }
```

Border

The CSS property to change the border of an element to Yxy 25.9951, 0.2592, 0.2442 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(132, 135, 191) }
```

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

```
.border{ border-color:rgb(132, 135, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 135, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 191);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9951, 0.2592, 0.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 191) }
```

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

```
.background{ background-color: rgb(132,  
135, 191) }
```

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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