

Converting Colors

$Y_{xy}(25.0477, 0.2585, 0.2545)$

Have a look what the booklet for
Yxy(25.0477, 0.2585, 0.2545)
contains.

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Color

Yxy(24.9904, 0.2590, 0.2546)

Conversions

Conversions Part 1

Format	Color
Hex	7C87B6
RGB	124, 135, 182
RGB Percent	49%, 53%, 71%
CMY	0.5136, 0.4706, 0.2862
CMYK	0.32, 0.26, 0.00, 0.29
HSL	229°, 28%, 60%
HSV	229°, 32%, 71%
XYZ	25.4223, 24.9904, 47.7429
YIQ	137.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

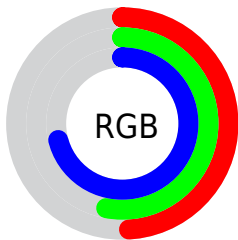
Format	Color
R_{YB}	124, 133, 182
Decimal	8161206
CIE Lab	57.07, 7.21, -25.97
CIE LCh	57, 26.950, 285.524
Yxy	24.9904, 0.2590, 0.2546
Android (android.graphics.Color)	4286351286 (0xFF7C87B6)
YUV	137.0690, 22.1510, -11.4615
Hunter-Lab	49.9904, 3.2918, -21.6311

Details

The Yxy color $24.9904, 0.2590, 0.2546$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $40.5400, 0.3642, 0.3937$, and the grayscale version is $24.9663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6045, 0.2704, 0.2695$, and $9.6570, 0.2401, 0.2310$ is the 20% darker color. If you saturate the color by 10%, you get $19.9217, 0.2398, 0.2263$, and if you desaturate by 10%, it is $30.8820, 0.2773, 0.2807$.

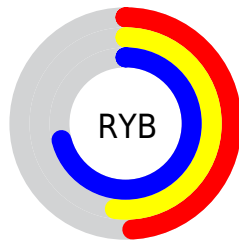
Distribution



Red (49%)

Green (53%)

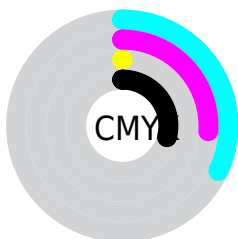
Blue (71%)



Red (49%)

Yellow (52%)

Blue (71%)

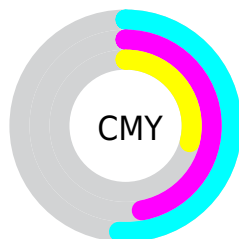


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9904, 0.2590, 0.2546 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 24.9904, 0.2590, 0.2546 by changing the saturation by 10% instead.

■ 24.9904, 0.2590,
0.2546

■ 24.9904, 0.2590,
0.2546

■ 277.7901, 0.2883,
0.2942

■ 16.0699, 0.2509,
0.2440

■ 51.6416, 0.2702,
0.2695

■ 9.5736, 0.2400,
0.2300

■ 70.1412, 0.2743,
0.2750

■ 5.1172, 0.2247,
0.2108

■ 92.6025, 0.2776,
0.2795

■ 2.3162, 0.2019,
0.1832

■ 119.4101, 0.2804,
0.2833

■ 0.7823, 0.1655,
0.1404

■ 150.9482, 0.2828,
0.2866

■ 0.0000, 0.0000,
0.0000

187.6013, 0.2849,

0.2895

229.7538, 0.2867,
0.2920

■ 24.9904, 0.2590,
0.2546

■ 24.9904, 0.2590,
0.2546

■ 19.9217, 0.2398,
0.2263

■ 30.8820, 0.2773,
0.2807

■ 15.6360, 0.2205,
0.1966

■ 37.6284, 0.2944,
0.3044

■ 12.0940, 0.2018,
0.1667

■ 45.2632, 0.3100,
0.3254

■ 9.2522, 0.1850,
0.1380

■ 53.8174, 0.3241,
0.3439

■ 7.0619, 0.1710,
0.1123

■ 63.3204, 0.3367,
0.3600

■ 5.4678, 0.1608,
0.0913

■ 73.8003, 0.3479,
0.3740

■ 4.5473, 0.1550,
0.0781

■ 85.2842, 0.3578,
0.3861

■ 94.9171, 0.3566,
0.3991

■ 96.1577, 0.3561,
0.4008

Harmonies

Analogous

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



24.9904, 0.2340, 0.2627



24.9904, 0.2590, 0.2546



24.9904, 0.2995, 0.2638

Triad

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



24.9904, 0.2590, 0.2546



24.9904, 0.4051, 0.3579



24.9904, 0.2760, 0.3764

Complementary

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



24.9904, 0.2590, 0.2546



40.5400, 0.3642, 0.3937

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.



24.9904, 0.3204, 0.4072



24.9904, 0.2590, 0.2546



24.9904, 0.3963, 0.3913

Square

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



24.9904, 0.2590, 0.2546



24.9904, 0.3866, 0.3207



24.9904, 0.3647, 0.4113



24.9904, 0.2430, 0.3310

Rectangle

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



24.9904, 0.2590, 0.2546



24.9904, 0.3311, 0.2782



24.9904, 0.3647, 0.4113



24.9904, 0.2900, 0.3892

Sweetspot

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



24.9914, 0.2590, 0.2546



70.4374, 0.2971, 0.3081



40.6632, 0.2755, 0.3464



15.1493, 0.2948, 0.3050



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.9914, 0.2590, 0.2546



38.9116, 0.2461, 0.2356



23.4981, 0.2737, 0.2408



8.9872, 0.2984, 0.3099



3.2854, 0.1555, 0.0797



0.1993, 0.1681, 0.1251

Inverse Universe

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



26.1161, 0.3705, 0.3134



41.5916, 0.3885, 0.3100



42.8722, 0.3438, 0.4117



9.0393, 0.3259, 0.3247



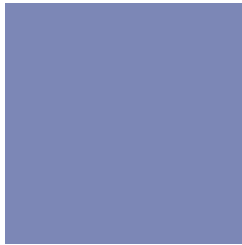
7.1140, 0.6075, 0.3120



0.2592, 0.5395, 0.2745

Previews

White Background



This preview shows how the Yxy color 24.9904, 0.2590, 0.2546 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 24.9904, 0.2590, 0.2546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

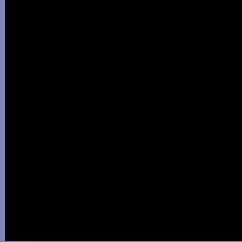
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

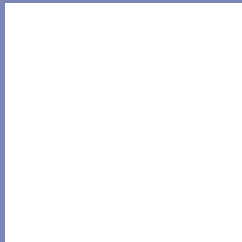
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9904, 0.2590, 0.2546

Background



This preview shows how black text looks on a background with the Yxy color 24.9904, 0.2590, 0.2546.



This preview shows how white text looks on a background with the Yxy color 24.9904, 0.2590, 0.2546.

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

24.9904, 0.2590, 0.2546

Protanopia

24.9904, 0.2590, 0.2546

Deuteranopia

25.0653, 0.2599, 0.2548



Tritanopia

25.0987, 0.2782, 0.3099

Trichromacy



Original Color

24.9904, 0.2590, 0.2546

Protanomaly

24.9904, 0.2590, 0.2546

Deuteranomaly

25.0653, 0.2599, 0.2548

Tritanomaly

25.1027, 0.2713, 0.2887

Monochromacy



Original Color

24.9904, 0.2590, 0.2546

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8138, 0.2916, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9904, 0.2590, 0.2546 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(124, 135, 182)` looks like.

```
.text, #text, p{  
    color:rgb(124, 135, 182)  
}
```

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(124, 135, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 135, 182) }
```

Border

The CSS property to change the border of an element to Yxy 24.9904, 0.2590, 0.2546 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(124, 135, 182) }
```

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

```
.border{ border-color:rgb(124, 135, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 135, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 135, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 135, 182);  
box-shadow:4px 4px 4px 4px rgb(124, 135,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9904, 0.2590, 0.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 135, 182) }
```

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

```
.background{ background-color: rgb(124,  
135, 182) }
```

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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