

Converting Colors

$Y_{xy}(25.8450, 0.2736, 0.2495)$

Have a look what the booklet for
Yxy(25.8450, 0.2736, 0.2495)
contains.

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Color

Yxy(25.8450, 0.2736, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	8F84B9
RGB	143, 132, 185
RGB Percent	56%, 52%, 73%
CMY	0.4391, 0.4824, 0.2745
CMYK	0.23, 0.29, 0.00, 0.27
HSL	253°, 27%, 62%
HSV	253°, 29%, 73%
XYZ	28.3415, 25.8450, 49.4007
YIQ	141.3310, -10.4570, 18.8150

Conversions

Conversions Part 2

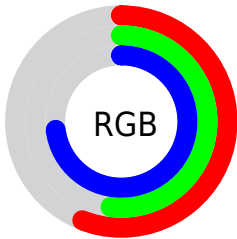
Format	Color
R_{YB}	143, 132, 185
Decimal	9405625
CIE _{Lab}	57.89, 15.55, -26.29
CIE _{LCh}	58, 30.540, 300.607
Yxy	25.8450, 0.2736, 0.2495
Android (android.graphics.Color)	4287595705 (0xFF8F84B9)
YUV	141.3310, 21.5288, 1.4637
Hunter-Lab	50.8380, 10.5448, -22.0272

Details

The Yxy color $25.8450, 0.2736, 0.2495$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $45.3640, 0.3453, 0.4020$, and the grayscale version is $26.6919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9191, 0.2818, 0.2651$, and $10.1278, 0.2596, 0.2252$ is the 20% darker color. If you saturate the color by 10%, you get $20.0424, 0.2567, 0.2173$, and if you desaturate by 10%, it is $32.7102, 0.2889, 0.2797$.

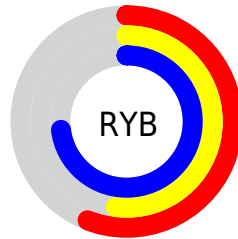
Distribution



Red (56%)

Green (52%)

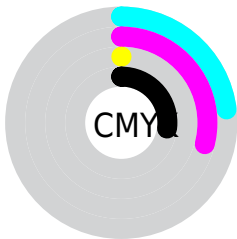
Blue (73%)



Red (56%)

Yellow (52%)

Blue (73%)

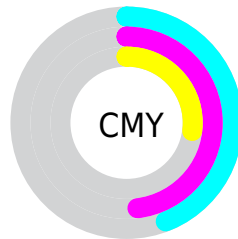


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8450, 0.2736, 0.2495 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 25.8450, 0.2736, 0.2495 by changing the saturation by 10% instead.

■ 25.8450, 0.2736,
0.2495

■ 25.8450, 0.2736,
0.2495

■ 282.0204, 0.2953,
0.2910

■ 16.7077, 0.2675,
0.2387

■ 53.0248, 0.2820,
0.2649

■ 10.0263, 0.2592,
0.2245

■ 71.8361, 0.2850,
0.2706

■ 5.4164, 0.2475,
0.2054

■ 94.6408, 0.2874,
0.2754

■ 2.4936, 0.2297,
0.1784

■ 121.8235, 0.2895,
0.2795

■ 0.8734, 0.2003,
0.1382

■ 153.7683, 0.2913,
0.2830

■ 0.0000, 0.0837,
0.0000

■ 190.8598, 0.2928,

■ 0.0000, 0.0000,

0.2860

0.0000

233.4824, 0.2941,
0.2886

■ 25.8450, 0.2736,
0.2495

■ 25.8450, 0.2736,
0.2495

■ 20.0424, 0.2567,
0.2173

■ 32.7102, 0.2889,
0.2797

■ 15.2457, 0.2386,
0.1841

■ 40.6846, 0.3024,
0.3074

■ 11.3975, 0.2200,
0.1516

■ 49.8158, 0.3142,
0.3322

■ 8.4335, 0.2018,
0.1219

■ 60.1478, 0.3243,
0.3541

■ 6.2811, 0.1854,
0.0970

■ 71.7221, 0.3330,
0.3735

■ 4.8557, 0.1718,
0.0786

■ 84.5784, 0.3403,
0.3904

■ 4.0186, 0.1617,
0.0671

■ 94.5374, 0.3480,
0.3994

■ 3.9259, 0.1605,
0.0658

■ 96.2833, 0.3544,
0.3978

Harmonies

Analogous

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



25.8450, 0.2367, 0.2483



25.8450, 0.2736, 0.2495



25.8450, 0.3242, 0.2681

Triad

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



25.8450, 0.2736, 0.2495



25.8450, 0.4148, 0.3802



25.8450, 0.2509, 0.3572

Complementary

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



25.8450, 0.2736, 0.2495



45.3640, 0.3453, 0.4020

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.



25.8450, 0.2951, 0.4033



25.8450, 0.2736, 0.2495



25.8450, 0.3906, 0.4122

Square

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



25.8450, 0.2736, 0.2495



25.8450, 0.4098, 0.3398



25.8450, 0.3462, 0.4233



25.8450, 0.2243, 0.3056

Rectangle

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



25.8450, 0.2736, 0.2495



25.8450, 0.3594, 0.2883



25.8450, 0.3462, 0.4233



25.8450, 0.2641, 0.3743

Sweetspot

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



25.8460, 0.2736, 0.2495



72.1101, 0.3018, 0.3061



38.8383, 0.2701, 0.3133



15.0759, 0.3000, 0.3022



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.



25.8460, 0.2736, 0.2495



39.9311, 0.2638, 0.2307



28.4499, 0.2995, 0.2552



8.8072, 0.3016, 0.3056



2.6987, 0.1615, 0.0663



0.1218, 0.1870, 0.0804

Inverse Universe

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



29.8704, 0.3273, 0.2724



48.3081, 0.3311, 0.2606



42.6555, 0.3221, 0.4076



9.1298, 0.3168, 0.3111



8.4567, 0.3809, 0.1872



0.3063, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 25.8450, 0.2736, 0.2495 looks on a white background.

Color Contrast Check

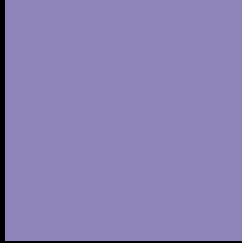
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8450, 0.2736, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

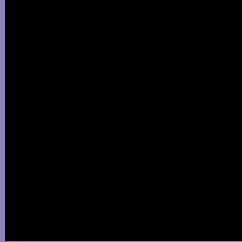
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8450, 0.2736, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 25.8450, 0.2736, 0.2495.



This preview shows how white text looks on a background with the Yxy color 25.8450, 0.2736, 0.2495.

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

25.8450, 0.2736, 0.2495

Protanopia

25.8505, 0.2542, 0.2485

Deuteranopia

25.9412, 0.2613, 0.2558



Tritanopia

25.9015, 0.2987, 0.3108

Trichromacy



Original Color

25.8450, 0.2736, 0.2495

Protanomaly

25.7841, 0.2606, 0.2479

Deuteranomaly

25.7752, 0.2655, 0.2535

Tritanomaly

25.7416, 0.2894, 0.2859

Monochromacy



Original Color

25.8450, 0.2736, 0.2495

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3621, 0.2982, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8450, 0.2736, 0.2495 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(143, 132, 185)` looks like.

```
.text, #text, p{  
    color:rgb(143, 132, 185)  
}
```

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(143, 132, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 132, 185) }
```

Border

The CSS property to change the border of an element to Yxy 25.8450, 0.2736, 0.2495 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(143, 132, 185) }
```

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

```
.border{ border-color:rgb(143, 132, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 132, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 132, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 132, 185);  
box-shadow:4px 4px 4px 4px rgb(143, 132,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8450, 0.2736, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 132, 185) }
```

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

```
.background{ background-color: rgb(143,  
132, 185) }
```

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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