

Converting Colors

$Y_{xy}(24.0030, 0.2861, 0.2521)$

Have a look what the booklet for
Yxy(24.0030, 0.2861, 0.2521)
contains.

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Color

Yxy(24.0583, 0.2869, 0.2530)

Conversions

Conversions Part 1

Format	Color
Hex	947DAF
RGB	148, 125, 175
RGB Percent	58%, 49%, 69%
CMY	0.4196, 0.5098, 0.3138
CMYK	0.15, 0.29, 0.00, 0.31
HSL	268°, 24%, 59%
HSV	268°, 29%, 69%
XYZ	27.2819, 24.0583, 43.7519
YIQ	137.5770, -2.3420, 20.4260

Conversions

Conversions Part 2

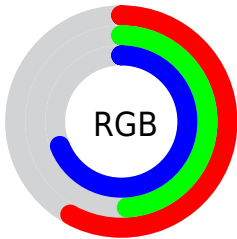
Format	Color
R_{YB}	148, 125, 175
Decimal	9731503
CIE _{Lab}	56.15, 18.85, -23.20
CIE _{LCh}	56, 29.888, 309.099
Yxy	24.0583, 0.2869, 0.2530
Android (android.graphics.Color)	4287921583 (0xFF947DAF)
YUV	137.5770, 18.4495, 9.1410
Hunter-Lab	49.0493, 13.4481, -18.5521

Details

The Yxy color $24.0583, 0.2869, 0.2530$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $38.8069, 0.3331, 0.4043$, and the grayscale version is $25.1758, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3068, 0.2929, 0.2680$, and $9.1154, 0.2775, 0.2294$ is the 20% darker color. If you saturate the color by 10%, you get $19.1667, 0.2753, 0.2234$, and if you desaturate by 10%, it is $29.8042, 0.2972, 0.2814$.

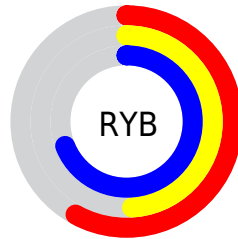
Distribution



Red (58%)

Green (49%)

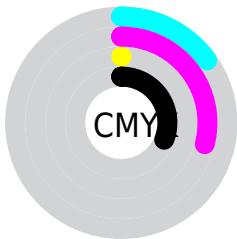
Blue (69%)



Red (58%)

Yellow (49%)

Blue (69%)

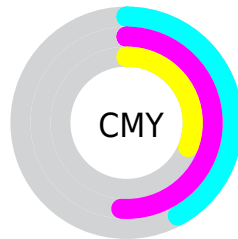


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (42%)


Magenta (51%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0583, 0.2869, 0.2530 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 24.0583, 0.2869, 0.2530 by changing the saturation by 10% instead.


 24.0583, 0.2869,
0.2530


 24.0583, 0.2869,
0.2530


273.1151, 0.3017,
0.2930


 15.3769, 0.2825,
0.2424


 50.1253, 0.2928,
0.2680

 9.0843, 0.2764,
0.2284


 68.2797, 0.2948,
0.2735

 4.7962, 0.2675,
0.2093


 90.3605, 0.2965,
0.2781

 2.1282, 0.2533,
0.1818

116.7522, 0.2979,
0.2820

 0.6804, 0.2288,
0.1371

147.8391, 0.2991,
0.2854

 0.0000, 0.0446,
0.0000

184.0056, 0.3001,

 0.0000, 0.0000,

0.2883

0.0000

225.6361, 0.3009,
0.2908

■ 24.0583, 0.2869,
0.2530

■ 24.0583, 0.2869,
0.2530

■ 19.1667, 0.2753,
0.2234

■ 29.8042, 0.2972,
0.2814

■ 15.0838, 0.2626,
0.1936

■ 36.4412, 0.3061,
0.3080

■ 11.7642, 0.2490,
0.1647

■ 44.0071, 0.3137,
0.3324

■ 9.1565, 0.2350,
0.1383

■ 52.5371, 0.3202,
0.3546

■ 7.2027, 0.2212,
0.1159

■ 62.0641, 0.3257,
0.3745

■ 5.8353, 0.2083,
0.0986

■ 72.6198, 0.3302,
0.3924

■ 4.9367, 0.1968,
0.0865

■ 84.2341, 0.3340,
0.4083

■ 4.8216, 0.1952,
0.0849

■ 90.3946, 0.3390,
0.4135

■ 91.9427, 0.3453,
0.4118

Harmonies

Analogous

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



24.0583, 0.2451, 0.2465



24.0583, 0.2869, 0.2530



24.0583, 0.3395, 0.2760

Triad

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



24.0583, 0.2869, 0.2530



24.0583, 0.4109, 0.3907



24.0583, 0.2411, 0.3422

Complementary

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



24.0583, 0.2869, 0.2530



38.8069, 0.3331, 0.4043

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.



24.0583, 0.2812, 0.3923



24.0583, 0.2869, 0.2530



24.0583, 0.3797, 0.4182

Square

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



24.0583, 0.2869, 0.2530



24.0583, 0.4146, 0.3516



24.0583, 0.3319, 0.4212



24.0583, 0.2205, 0.2928

Rectangle

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



24.0583, 0.2869, 0.2530



24.0583, 0.3733, 0.2983



24.0583, 0.3319, 0.4212



24.0583, 0.2526, 0.3599

Sweetspot

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



24.0593, 0.2869, 0.2530



64.5258, 0.3056, 0.3064



30.0714, 0.2684, 0.2935



13.9439, 0.3044, 0.3027



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.0593, 0.2869, 0.2530



37.6380, 0.2801, 0.2353



26.5887, 0.3132, 0.2587



7.9309, 0.3055, 0.3061



3.4896, 0.1964, 0.0855



0.1298, 0.2321, 0.1052

Inverse Universe

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



26.0475, 0.3415, 0.2899



41.8490, 0.3496, 0.2814



36.6836, 0.3110, 0.4096



8.0850, 0.3205, 0.3168



7.1244, 0.4760, 0.2396



0.2091, 0.4173, 0.2073

Previews

White Background



This preview shows how the Yxy color 24.0583, 0.2869, 0.2530 looks on a white background.

Color Contrast Check

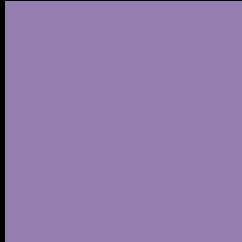
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0583, 0.2869, 0.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

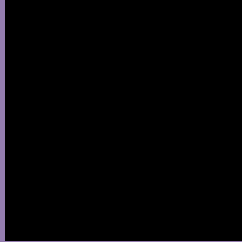
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0583, 0.2869, 0.2530

Background



This preview shows how black text looks on a background with the Yxy color 24.0583, 0.2869, 0.2530.



This preview shows how white text looks on a background with the Yxy color 24.0583, 0.2869, 0.2530.

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

24.0583, 0.2869, 0.2530

Protanopia

24.1762, 0.2567, 0.2522

Deuteranopia

24.0705, 0.2676, 0.2613



Tritanopia

23.9364, 0.3136, 0.3107

Trichromacy



Original Color

24.0583, 0.2869, 0.2530

Protanomaly

24.0452, 0.2669, 0.2519

Deuteranomaly

23.9074, 0.2749, 0.2579

Tritanomaly

23.9629, 0.3034, 0.2886

Monochromacy



Original Color

24.0583, 0.2869, 0.2530

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7602, 0.3041, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0583, 0.2869, 0.2530 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(148, 125, 175)` looks like.

```
.text, #text, p{  
    color:rgb(148, 125, 175)  
}
```

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(148, 125, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 125, 175) }
```

Border

The CSS property to change the border of an element to Yxy 24.0583, 0.2869, 0.2530 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(148, 125, 175) }
```

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

```
.border{ border-color:rgb(148, 125, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 125, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 125, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 125, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 125,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0583, 0.2869, 0.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 125, 175) }
```

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

```
.background{ background-color: rgb(148,  
125, 175) }
```

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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