

Converting Colors

$Y_{xy}(24.2796, 0.3239, 0.2999)$

Have a look what the booklet for
Yxy(24.2796, 0.3239, 0.2999)
contains.

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Color

Yxy(24.1241, 0.3235, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	9A7F92
RGB	154, 127, 146
RGB Percent	60%, 50%, 57%
CMY	0.3959, 0.5020, 0.4274
CMYK	0.00, 0.18, 0.05, 0.40
HSL	318°, 12%, 55%
HSV	318°, 18%, 60%
XYZ	26.1096, 24.1241, 30.4759
YIQ	137.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

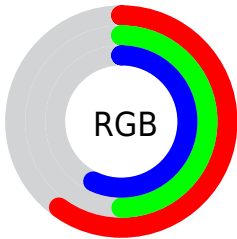
Format	Color
RYB	154, 127, 146
Decimal	10125202
CIELab	56.21, 13.77, -6.32
CIElCh	56, 15.155, 335.339
Yxy	24.1241, 0.3235, 0.2989
Android (android.graphics.Color)	4288315282 (0xFF9A7F92)
YUV	137.2390, 4.3192, 14.6994
Hunter-Lab	49.1163, 8.9347, -2.4072

Details

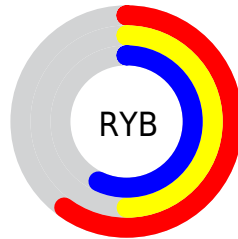
The Yxy color $24.1241, 0.3235, 0.2989$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.3848, 0.3034, 0.3611$, and the grayscale version is $25.0936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3680, 0.3215, 0.3053$, and $9.1769, 0.3270, 0.2877$ is the 20% darker color. If you saturate the color by 10%, you get $20.3067, 0.3311, 0.2810$, and if you desaturate by 10%, it is $28.5576, 0.3170, 0.3163$.

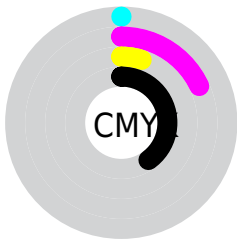
Distribution



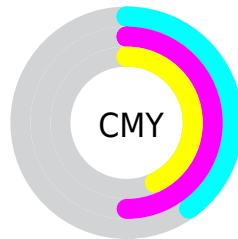
- Red (60%)
- Green (50%)
- Blue (57%)



- Red (60%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (40%)





- Cyan (40%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1241, 0.3235, 0.2989 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 24.1241, 0.3235, 0.2989 by changing the saturation by 10% instead.


 24.1241, 0.3235,
0.2989


 24.1241, 0.3235,
0.2989


273.4473, 0.3177,
0.3152


 15.4257, 0.3251,
0.2943


 50.2326, 0.3213,
0.3052

 9.1187, 0.3273,
0.2881

 68.4116, 0.3205,
0.3074

 4.8187, 0.3304,
0.2792

 90.5195, 0.3198,
0.3093

 2.1413, 0.3351,
0.2655

116.9407, 0.3193,
0.3109

 0.6877, 0.3449,
0.2375

148.0597, 0.3188,
0.3122

 0.0000, 0.0000,
0.0000

184.2609, 0.3184,

0.3134

225.9286, 0.3180,
0.3144

■ 24.1241, 0.3235,
0.2989

■ 24.1241, 0.3235,
0.2989

■ 20.3067, 0.3311,
0.2810

■ 28.5576, 0.3170,
0.3163

■ 17.0747, 0.3398,
0.2633

■ 33.6299, 0.3114,
0.3330

■ 14.3993, 0.3496,
0.2462

■ 39.3664, 0.3068,
0.3487

■ 12.2482, 0.3605,
0.2309

■ 45.7903, 0.3028,
0.3633

■ 10.5857, 0.3722,
0.2182

■ 52.9233, 0.2995,
0.3767

■ 9.3717, 0.3844,
0.2091

■ 60.7867, 0.2968,
0.3892

■ 8.5595, 0.3967,
0.2045

■ 69.4004, 0.2945,
0.4005

■ 8.0682, 0.4089,
0.2042

■ 78.7838, 0.2926,
0.4110

■ 7.9626, 0.4119,
0.2043

■ 81.9892, 0.2905,
0.4101

Harmonies

Analogous

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



24.1241, 0.2969, 0.2874



24.1241, 0.3235, 0.2989



24.1241, 0.3480, 0.3177

Triad

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



24.1241, 0.3235, 0.2989



24.1241, 0.3503, 0.3736



24.1241, 0.2649, 0.3148

Complementary

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



24.1241, 0.3235, 0.2989



29.3848, 0.3034, 0.3611

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.



24.1241, 0.2780, 0.3395



24.1241, 0.3235, 0.2989



24.1241, 0.3270, 0.3748

Square

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



24.1241, 0.3235, 0.2989



24.1241, 0.3637, 0.3603



24.1241, 0.3005, 0.3622



24.1241, 0.2640, 0.2954

Rectangle

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



24.1241, 0.3235, 0.2989



24.1241, 0.3594, 0.3323



24.1241, 0.3005, 0.3622



24.1241, 0.2680, 0.3227

Sweetspot

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



24.1252, 0.3235, 0.2989



54.0049, 0.3155, 0.3205



22.6325, 0.2930, 0.2839



12.0923, 0.3159, 0.3194



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.1252, 0.3235, 0.2989



40.9955, 0.3263, 0.2920



23.7390, 0.3385, 0.3196



6.2924, 0.3180, 0.3135



6.4904, 0.4110, 0.2038



0.1033, 0.3639, 0.1779

Inverse Universe

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



24.1252, 0.3235, 0.2989



40.9955, 0.3263, 0.2920



29.7786, 0.2919, 0.3386



6.2924, 0.3180, 0.3135



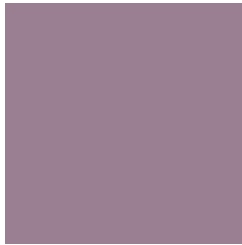
6.4904, 0.4110, 0.2038



0.1033, 0.3639, 0.1779

Previews

White Background



This preview shows how the Yxy color 24.1241, 0.3235, 0.2989 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 24.1241, 0.3235, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

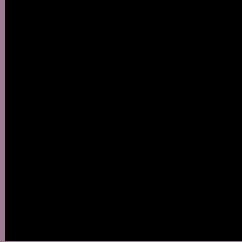
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1241, 0.3235, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 24.1241, 0.3235, 0.2989.



This preview shows how white text looks on a background with the Yxy color 24.1241, 0.3235, 0.2989.

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

24.1241, 0.3235, 0.2989

Protanopia

24.2387, 0.2955, 0.3021

Deuteranopia

24.1166, 0.3115, 0.3060



Tritanopia

24.0456, 0.3311, 0.3130

Trichromacy



Original Color

24.1241, 0.3235, 0.2989

Protanomaly

24.0652, 0.3051, 0.2994

Deuteranomaly

24.2126, 0.3161, 0.3047

Tritanomaly

24.1337, 0.3278, 0.3082

Monochromacy



Original Color

24.1241, 0.3235, 0.2989

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5081, 0.3167, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1241, 0.3235, 0.2989 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(154, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(154, 127, 146)  
}
```

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(154, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 127, 146) }
```

Border

The CSS property to change the border of an element to Yxy 24.1241, 0.3235, 0.2989 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(154, 127, 146) }
```

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

```
.border{ border-color:rgb(154, 127, 146) }
```

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

Here you see how a box with a 4 pixel rgb(154, 127, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(154, 127,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1241, 0.3235, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 127, 146) }
```

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

```
.background{ background-color: rgb(154,  
127, 146) }
```

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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