

Converting Colors

$Y_{xy}(26.2788, 0.3239, 0.3140)$

Have a look what the booklet for
Yxy(26.2788, 0.3239, 0.3140)
contains.

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Color

Yxy(26.2423, 0.3235, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	9A8791
RGB	154, 135, 145
RGB Percent	60%, 53%, 57%
CMY	0.3962, 0.4705, 0.4314
CMYK	0.00, 0.12, 0.06, 0.40
HSL	328°, 9%, 57%
HSV	328°, 12%, 60%
XYZ	27.0967, 26.2423, 30.4220
YIQ	141.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

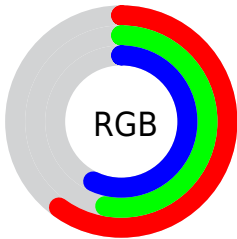
Format	Color
R_{YB}	154, 135, 145
Decimal	10127249
CIE Lab	58.27, 8.96, -2.70
CIE LCh	58, 9.361, 343.212
Yxy	26.2423, 0.3235, 0.3133
Android (android.graphics.Color)	4288317329 (0xFF9A8791)
YUV	141.8210, 1.5672, 10.6810
Hunter-Lab	51.2272, 4.7700, 0.6489

Details

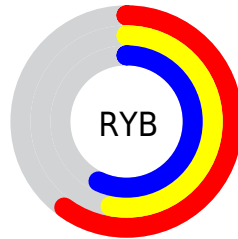
The Yxy color $26.2423, 0.3235, 0.3133$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.2675, 0.3032, 0.3452$, and the grayscale version is $26.9664, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4999, 0.3208, 0.3160$, and $10.2068, 0.3272, 0.3062$ is the 20% darker color. If you saturate the color by 10%, you get $22.0347, 0.3342, 0.2999$, and if you desaturate by 10%, it is $31.0880, 0.3146, 0.3261$.

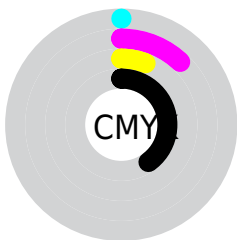
Distribution



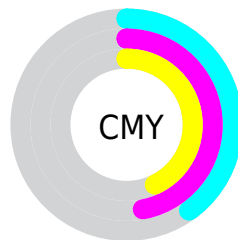
- Red (60%)
- Green (53%)
- Blue (57%)



- Red (60%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (40%)





- Cyan (40%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2423, 0.3235, 0.3133 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 26.2423, 0.3235, 0.3133 by changing the saturation by 10% instead.


 26.2423, 0.3235,
0.3133


 26.2423, 0.3235,
0.3133


283.9695, 0.3176,
0.3218


 17.0050, 0.3251,
0.3109

 53.6656, 0.3212,
0.3166

 10.2381, 0.3274,
0.3077


 72.6203, 0.3204,
0.3177

 5.5571, 0.3306,
0.3031

 95.5830, 0.3198,
0.3187

 2.5777, 0.3356,
0.2959

122.9381, 0.3192,
0.3195

 0.9155, 0.3445,
0.2833

155.0699, 0.3187,
0.3202

 0.0000, 1.0000,
0.0000

192.3627, 0.3183,


 0.0000, 0.0000,

0.3208


0.0000

235.2012, 0.3180,
0.3214


 26.2423, 0.3235,
0.3133


 26.2423, 0.3235,
0.3133


 22.0347, 0.3342,
0.2999

 31.0880, 0.3146,
0.3261


 18.4350, 0.3469,
0.2861


 36.5937, 0.3071,
0.3382

 15.4156, 0.3618,
0.2726

 42.7843, 0.3009,
0.3494

 12.9453, 0.3791,
0.2600

 49.6824, 0.2958,
0.3598

 10.9903, 0.3985,
0.2493

 57.3096, 0.2916,
0.3693

■ 9.5126, 0.4198,
0.2415

■ 65.6866, 0.2880,
0.3780

■ 8.4691, 0.4422,
0.2380

■ 74.8334, 0.2851,
0.3860

■ 7.8087, 0.4647,
0.2394

■ 82.7151, 0.2824,
0.3899

■ 7.4620, 0.4820,
0.2429

■ 83.0718, 0.2788,
0.3809

Harmonies

Analogous

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



26.2423, 0.3074, 0.3048



26.2423, 0.3235, 0.3133



26.2423, 0.3369, 0.3258

Triad

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



26.2423, 0.3235, 0.3133



26.2423, 0.3322, 0.3566



26.2423, 0.2827, 0.3173

Complementary

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



26.2423, 0.3235, 0.3133



30.2675, 0.3032, 0.3452

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.



26.2423, 0.2890, 0.3316



26.2423, 0.3235, 0.3133



26.2423, 0.3174, 0.3548

Square

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



26.2423, 0.3235, 0.3133



26.2423, 0.3419, 0.3508



26.2423, 0.3016, 0.3455



26.2423, 0.2842, 0.3067

Rectangle

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



26.2423, 0.3235, 0.3133



26.2423, 0.3423, 0.3350



26.2423, 0.3016, 0.3455



26.2423, 0.2840, 0.3218

Sweetspot

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



26.2435, 0.3235, 0.3133



53.3117, 0.3160, 0.3239



25.5810, 0.3031, 0.2986



11.6335, 0.3166, 0.3230



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.2435, 0.3235, 0.3133



44.0216, 0.3265, 0.3094



25.9669, 0.3336, 0.3281



6.2743, 0.3206, 0.3173



6.0892, 0.4804, 0.2420



0.0984, 0.3992, 0.1973

Inverse Universe

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



26.2435, 0.3235, 0.3133



44.0216, 0.3265, 0.3094



30.5652, 0.2950, 0.3300



6.2743, 0.3206, 0.3173



6.0892, 0.4804, 0.2420



0.0984, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 26.2423, 0.3235, 0.3133 looks on a white background.

Color Contrast Check

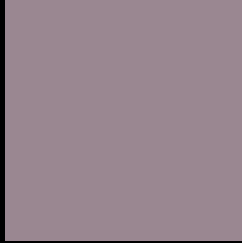
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2423, 0.3235, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

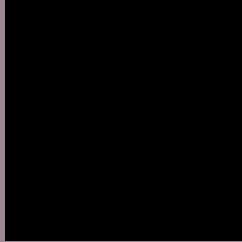
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2423, 0.3235, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 26.2423, 0.3235, 0.3133.



This preview shows how white text looks on a background with the Yxy color 26.2423, 0.3235, 0.3133.

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

26.2423, 0.3235, 0.3133

Protanopia

26.1788, 0.3048, 0.3143

Deuteranopia

26.3281, 0.3212, 0.3148



Tritanopia

26.2423, 0.3235, 0.3133

Trichromacy



Original Color

26.2423, 0.3235, 0.3133

Protanomaly

26.3033, 0.3112, 0.3145

Deuteranomaly

26.4250, 0.3223, 0.3148

Tritanomaly

26.2423, 0.3235, 0.3133

Monochromacy



Original Color

26.2423, 0.3235, 0.3133

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5594, 0.3163, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2423, 0.3235, 0.3133 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, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(154, 135, 145)  
}
```

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, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 135, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.2423, 0.3235, 0.3133 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, 135, 145) }
```

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

```
.border{ border-color:rgb(154, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(154, 135,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2423, 0.3235, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 135, 145) }
```

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

```
.background{ background-color: rgb(154,  
135, 145) }
```

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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