

Converting Colors

$Y_{xy}(26.2155, 0.3411, 0.3231)$

Have a look what the booklet for
Yxy(26.2155, 0.3411, 0.3231)
contains.

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Color

Yxy(26.1583, 0.3407, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	A18589
RGB	161, 133, 137
RGB Percent	63%, 52%, 54%
CMY	0.3686, 0.4784, 0.4628
CMYK	0.00, 0.17, 0.15, 0.37
HSL	351°, 13%, 58%
HSV	351°, 17%, 63%
XYZ	27.6003, 26.1583, 27.2519
YIQ	141.8280, 15.4040, 7.1800

Conversions

Conversions Part 2

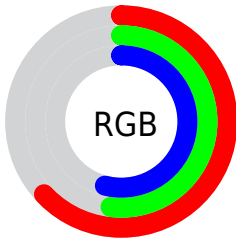
Format	Color
R_{YB}	161, 133, 137
Decimal	10585481
CIE _{Lab}	58.19, 11.33, 1.87
CIE _{LCh}	58, 11.483, 9.364
Yxy	26.1583, 0.3407, 0.3229
Android (android.graphics.Color)	4288775561 (0xFFA18589)
YUV	141.8280, -2.3802, 16.8138
Hunter-Lab	51.1452, 6.8227, 4.2098

Details

The Yxy color **26.1583, 0.3407, 0.3229** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **32.9144, 0.2903, 0.3352**, and the grayscale version is **26.9841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4344, 0.3349, 0.3244**, and **10.1258, 0.3516, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **21.7120, 0.3621, 0.3192**, and if you desaturate by 10%, it is **31.3336, 0.3234, 0.3265**.

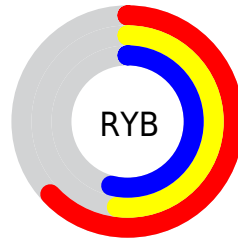
Distribution



Red (63%)

Green (52%)

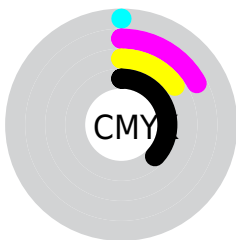
Blue (54%)



Red (63%)

Yellow (52%)

Blue (54%)

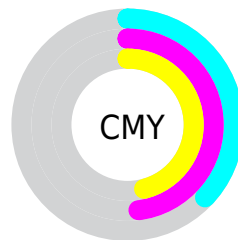


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (37%)



Cyan (37%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1583, 0.3407, 0.3229 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 26.1583, 0.3407, 0.3229 by changing the saturation by 10% instead.


 26.1583, 0.3407,
0.3229


 26.1583, 0.3407,
0.3229


283.5583, 0.3253,
0.3263


 16.9421, 0.3451,
0.3219


 53.5302, 0.3347,
0.3243

 10.1932, 0.3511,
0.3205


 72.4547, 0.3326,
0.3247

 5.5273, 0.3599,
0.3184


 95.3841, 0.3309,
0.3251

 2.5598, 0.3738,
0.3149

122.7028, 0.3294,
0.3254

 0.9065, 0.3998,
0.3087

154.7952, 0.3281,
0.3257

 0.0000, 1.0000,
0.0000


192.0456, 0.3271,


 0.0000, 0.0000,


0.3260


0.0000

234.8385, 0.3261,
0.3262

 26.1583, 0.3407,
0.3229


 26.1583, 0.3407,
0.3229


 21.7120, 0.3621,
0.3192


 31.3336, 0.3234,
0.3265


 17.9584, 0.3884,
0.3154

 37.2647, 0.3093,
0.3299

 14.8638, 0.4201,
0.3120

 43.9818, 0.2980,
0.3329

 12.3899, 0.4572,
0.3093

 51.5119, 0.2887,
0.3357

 10.4947, 0.4987,
0.3081

 59.8812, 0.2812,
0.3383

■ 9.1309, 0.5416,
0.3089

■ 69.1144, 0.2749,
0.3406

■ 8.2437, 0.5812,
0.3123

■ 79.2353, 0.2698,
0.3427

■ 7.7455, 0.6123,
0.3175

■ 85.8448, 0.2644,
0.3372

■ 7.6389, 0.6192,
0.3185

■ 86.3177, 0.2610,
0.3288

Harmonies

Analogous

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



26.1583, 0.3234, 0.3082



26.1583, 0.3407, 0.3229



26.1583, 0.3504, 0.3395

Triad

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



26.1583, 0.3407, 0.3229



26.1583, 0.3209, 0.3617



26.1583, 0.2771, 0.3029

Complementary

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



26.1583, 0.3407, 0.3229



32.9144, 0.2903, 0.3352

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.



26.1583, 0.2765, 0.3165



26.1583, 0.3407, 0.3229



26.1583, 0.3014, 0.3513

Square

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



26.1583, 0.3407, 0.3229



26.1583, 0.3386, 0.3625



26.1583, 0.2853, 0.3344



26.1583, 0.2869, 0.2966

Rectangle

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



26.1583, 0.3407, 0.3229



26.1583, 0.3510, 0.3498



26.1583, 0.2853, 0.3344



26.1583, 0.2758, 0.3067

Sweetspot

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



26.1595, 0.3407, 0.3229



58.4297, 0.3199, 0.3273



26.4983, 0.3101, 0.2864



12.6674, 0.3209, 0.3271



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.1595, 0.3407, 0.3229



43.5046, 0.3487, 0.3214



28.8578, 0.3427, 0.3442



7.1016, 0.3264, 0.3258



6.1043, 0.6177, 0.3176



0.1327, 0.5452, 0.2777

Inverse Universe

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



26.1595, 0.3407, 0.3229



43.5046, 0.3487, 0.3214



29.7598, 0.2864, 0.3133



7.1016, 0.3264, 0.3258



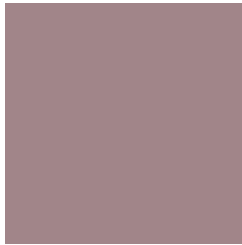
6.1043, 0.6177, 0.3176



0.1327, 0.5452, 0.2777

Previews

White Background



This preview shows how the Yxy color 26.1583, 0.3407, 0.3229 looks on a white background.

Color Contrast Check

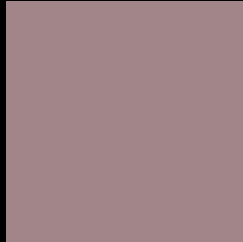
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1583, 0.3407, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

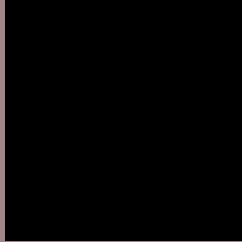
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1583, 0.3407, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 26.1583, 0.3407, 0.3229.



This preview shows how white text looks on a background with the Yxy color 26.1583, 0.3407, 0.3229.

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

26.1583, 0.3407, 0.3229

Protanopia

26.1391, 0.3140, 0.3257

Deuteranopia

26.1027, 0.3333, 0.3259



Tritanopia

26.1369, 0.3364, 0.3137

Trichromacy



Original Color

26.1583, 0.3407, 0.3229

Protanomaly

26.1743, 0.3229, 0.3242

Deuteranomaly

26.0244, 0.3358, 0.3243

Tritanomaly

26.0774, 0.3387, 0.3167

Monochromacy



Original Color

26.1583, 0.3407, 0.3229

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7482, 0.3227, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1583, 0.3407, 0.3229 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(161, 133, 137)` looks like.

```
.text, #text, p{  
    color:rgb(161, 133, 137)  
}
```

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(161, 133, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 133, 137) }
```

Border

The CSS property to change the border of an element to Yxy 26.1583, 0.3407, 0.3229 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(161, 133, 137) }
```

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

```
.border{ border-color:rgb(161, 133, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 133, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 133, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 133, 137);  
box-shadow:4px 4px 4px 4px rgb(161, 133,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1583, 0.3407, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 133, 137) }
```

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

```
.background{ background-color: rgb(161,  
133, 137) }
```

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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