

Converting Colors

$Y_{xy}(26.7233, 0.3295, 0.3213)$

Have a look what the booklet for
Yxy(26.7233, 0.3295, 0.3213)
contains.

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Color

Yxy(26.5993, 0.3299, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	9C888D
RGB	156, 136, 141
RGB Percent	61%, 53%, 55%
CMY	0.3883, 0.4666, 0.4471
CMYK	0.00, 0.13, 0.10, 0.39
HSL	345°, 9%, 57%
HSV	345°, 13%, 61%
XYZ	27.3198, 26.5993, 28.8932
YIQ	142.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

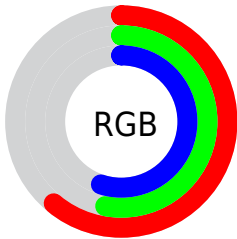
Format	Color
R_{YB}	156, 136, 141
Decimal	10258573
CIE Lab	58.60, 8.42, 0.10
CIE LCh	59, 8.418, 0.695
Yxy	26.5993, 0.3299, 0.3212
Android (android.graphics.Color)	4288448653 (0xFF9C888D)
YUV	142.5500, -0.7642, 11.7956
Hunter-Lab	51.5745, 4.2987, 2.8866

Details

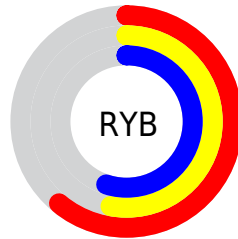
The Yxy color $26.5993, 0.3299, 0.3212$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.2409, 0.2980, 0.3370$, and the grayscale version is $27.2796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.1842, 0.3263, 0.3220$, and $10.4142, 0.3368, 0.3177$ is the 20% darker color. If you saturate the color by 10%, you get $22.1914, 0.3468, 0.3147$, and if you desaturate by 10%, it is $31.6859, 0.3161, 0.3274$.

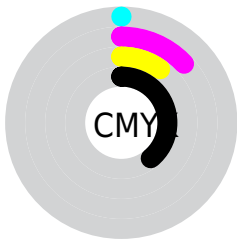
Distribution



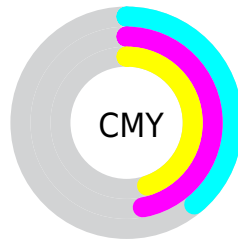
- Red (61%)
- Green (53%)
- Blue (55%)



- Red (61%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (39%)





- Cyan (39%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5993, 0.3299, 0.3212 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 26.5993, 0.3299, 0.3212 by changing the saturation by 10% instead.


 26.5993, 0.3299,
0.3212


 26.5993, 0.3299,
0.3212


285.7117, 0.3205,
0.3255


 17.2725, 0.3326,
0.3200


 54.2402, 0.3263,
0.3229

 10.4290, 0.3362,
0.3183


 73.3231, 0.3250,
0.3234

 5.6843, 0.3415,
0.3159

 96.4268, 0.3239,
0.3239

 2.6541, 0.3498,
0.3121

123.9358, 0.3230,
0.3243

 0.9539, 0.3648,
0.3052

156.2344, 0.3222,
0.3247

 0.0000, 1.0000,
0.0000


193.7069, 0.3216,

 0.0000, 0.0000,


0.3250


0.0000


236.7379, 0.3210,
0.3253

 26.5993, 0.3299,
0.3212


 26.5993, 0.3299,
0.3212


 22.1914, 0.3468,
0.3147

 31.6859, 0.3161,
0.3274


 18.4299, 0.3675,
0.3080


 37.4744, 0.3049,
0.3331

 15.2853, 0.3925,
0.3016

 43.9916, 0.2957,
0.3383

 12.7244, 0.4221,
0.2958

 51.2616, 0.2881,
0.3431

 10.7110, 0.4563,
0.2915

 59.3075, 0.2819,
0.3475

■ 9.2044, 0.4937,
0.2898

■ 68.1514, 0.2768,
0.3514

■ 8.1587, 0.5319,
0.2915

■ 77.8143, 0.2725,
0.3551

■ 7.5192, 0.5673,
0.2973

■ 84.5621, 0.2681,
0.3520

■ 7.2127, 0.5900,
0.3024

■ 85.2594, 0.2627,
0.3386

Harmonies

Analogous

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



26.5993, 0.3165, 0.3111



26.5993, 0.3299, 0.3212



26.5993, 0.3388, 0.3334

Triad

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



26.5993, 0.3299, 0.3212



26.5993, 0.3228, 0.3536



26.5993, 0.2857, 0.3125

Complementary

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



26.5993, 0.3299, 0.3212



31.2409, 0.2980, 0.3370

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.



26.5993, 0.2873, 0.3237



26.5993, 0.3299, 0.3212



26.5993, 0.3085, 0.3479

Square

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



26.5993, 0.3299, 0.3212



26.5993, 0.3346, 0.3523



26.5993, 0.2956, 0.3368



26.5993, 0.2911, 0.3060

Rectangle

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



26.5993, 0.3299, 0.3212



26.5993, 0.3408, 0.3413



26.5993, 0.2956, 0.3368



26.5993, 0.2855, 0.3158

Sweetspot

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



26.6005, 0.3299, 0.3212



56.3167, 0.3177, 0.3266



26.5892, 0.3088, 0.2978



12.2408, 0.3186, 0.3262



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.



26.6005, 0.3299, 0.3212



46.2162, 0.3338, 0.3196



27.8949, 0.3343, 0.3369



6.6720, 0.3247, 0.3234



5.9472, 0.5882, 0.3014



0.1125, 0.4897, 0.2472

Inverse Universe

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



26.6005, 0.3299, 0.3212



46.2162, 0.3338, 0.3196



29.7650, 0.2935, 0.3209



6.6720, 0.3247, 0.3234



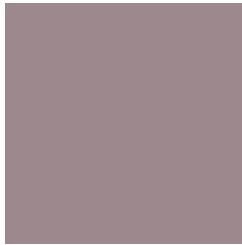
5.9472, 0.5882, 0.3014



0.1125, 0.4897, 0.2472

Previews

White Background



This preview shows how the Yxy color 26.5993, 0.3299, 0.3212 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 26.5993, 0.3299, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

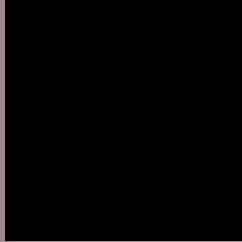
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5993, 0.3299, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 26.5993, 0.3299, 0.3212.



This preview shows how white text looks on a background with the Yxy color 26.5993, 0.3299, 0.3212.

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

26.5993, 0.3299, 0.3212

Protanopia

26.5790, 0.3129, 0.3241

Deuteranopia

26.7830, 0.3286, 0.3227



Tritanopia

26.5714, 0.3258, 0.3119

Trichromacy



Original Color

26.5993, 0.3299, 0.3212

Protanomaly

26.7141, 0.3195, 0.3242

Deuteranomaly

26.7830, 0.3286, 0.3227

Tritanomaly

26.5097, 0.3280, 0.3150

Monochromacy



Original Color

26.5993, 0.3299, 0.3212

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0051, 0.3194, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5993, 0.3299, 0.3212 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(156, 136, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 141)  
}
```

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(156, 136, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.5993, 0.3299, 0.3212 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(156, 136, 141) }
```

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

```
.border{ border-color:rgb(156, 136, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 136, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 136, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 136, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 136,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5993, 0.3299, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 141) }
```

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

```
.background{ background-color: rgb(156,  
136, 141) }
```

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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