

Converting Colors

$Y_{xy}(26.9853, 0.3646, 0.3292)$

Have a look what the booklet for
Yxy(26.9853, 0.3646, 0.3292)
contains.

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Color

Yxy(26.9853, 0.3646, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	AF8383
RGB	175, 131, 131
RGB Percent	69%, 51%, 51%
CMY	0.3138, 0.4862, 0.4863
CMYK	0.00, 0.25, 0.25, 0.31
HSL	0°, 22%, 60%
HSV	0°, 25%, 69%
XYZ	29.8871, 26.9853, 25.0999
YIQ	144.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

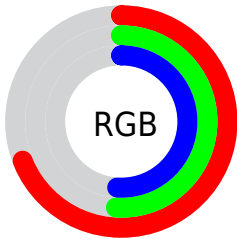
Format	Color
R_{YB}	175, 131, 131
Decimal	11502467
CIE _{Lab}	58.96, 16.90, 6.61
CIE _{LCh}	59, 18.146, 21.368
Yxy	26.9853, 0.3646, 0.3292
Android (android.graphics.Color)	4289692547 (0xFFAF8383)
YUV	144.1560, -6.4859, 27.0502
Hunter-Lab	51.9474, 11.7893, 7.7154

Details

The Yxy color $26.9853, 0.3646, 0.3292$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $38.5553, 0.2764, 0.3288$, and the grayscale version is $27.9746, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7306, 0.3533, 0.3291$, and $10.6316, 0.3844, 0.3271$ is the 20% darker color. If you saturate the color by 10%, you get $22.2439, 0.3945, 0.3293$, and if you desaturate by 10%, it is $32.6019, 0.3405, 0.3291$.

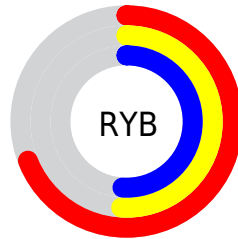
Distribution



Red (69%)

Green (51%)

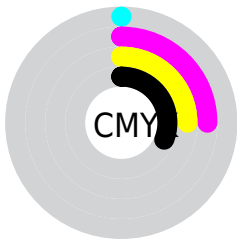
Blue (51%)



Red (69%)

Yellow (51%)

Blue (51%)

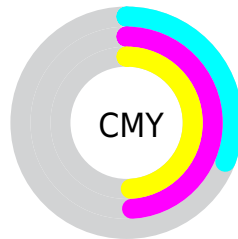


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9853, 0.3646, 0.3292 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 26.9853, 0.3646, 0.3292 by changing the saturation by 10% instead.


 26.9853, 0.3646,
0.3292


 26.9853, 0.3646,
0.3292


287.5859, 0.3361,
0.3295


 17.5622, 0.3727,
0.3289


 54.8603, 0.3535,
0.3295

 10.6361, 0.3838,
0.3284


 74.0809, 0.3496,
0.3295

 5.8227, 0.3998,
0.3274


 97.3362, 0.3464,
0.3295

 2.7376, 0.4251,
0.3251

125.0105, 0.3436,
0.3296

 0.9963, 0.4761,
0.3234

157.4883, 0.3413,
0.3296

 0.0000, 1.0000,
0.0000

195.1538, 0.3393,

 0.0000, 0.0000,

0.3296

0.0000

238.3916, 0.3376,
0.3296

■ 26.9853, 0.3646,
0.3292

■ 26.9853, 0.3646,
0.3292

■ 22.2439, 0.3945,
0.3293

■ 32.6019, 0.3405,
0.3291

■ 18.3301, 0.4308,
0.3294

■ 39.1306, 0.3211,
0.3290

■ 15.1976, 0.4734,
0.3296


■ 46.6108, 0.3056,
0.3290


■ 12.7941, 0.5203,
0.3297


■ 55.0785, 0.2931,
0.3289

■ 11.0606, 0.5668,
0.3299


■ 64.5678, 0.2831,
0.3289


 9.9295, 0.6058,
0.3299

 75.1112, 0.2749,
0.3288

 9.3170, 0.6309,
0.3300

 86.7397, 0.2681,
0.3288

 9.1140, 0.6400,
0.3300

 87.8511, 0.2676,
0.3289

Harmonies

Analogous

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



26.9853, 0.3411, 0.3052



26.9853, 0.3646, 0.3292



26.9853, 0.3734, 0.3543

Triad

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



26.9853, 0.3646, 0.3292



26.9853, 0.3126, 0.3763



26.9853, 0.2622, 0.2829

Complementary

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



26.9853, 0.3646, 0.3292



38.5553, 0.2764, 0.3288

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.



26.9853, 0.2555, 0.2992



26.9853, 0.3646, 0.3292



26.9853, 0.2837, 0.3543

Square

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



26.9853, 0.3646, 0.3292



26.9853, 0.3425, 0.3834



26.9853, 0.2632, 0.3253



26.9853, 0.2818, 0.2790

Rectangle

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



26.9853, 0.3646, 0.3292



26.9853, 0.3697, 0.3687



26.9853, 0.2632, 0.3253



26.9853, 0.2584, 0.2870

Sweetspot

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



26.9866, 0.3646, 0.3292



66.4228, 0.3265, 0.3291



28.4334, 0.3156, 0.2677



14.3698, 0.3293, 0.3291



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.



26.9866, 0.3646, 0.3292



43.5891, 0.3799, 0.3293



33.5250, 0.3570, 0.3610



8.0163, 0.3286, 0.3291



6.5293, 0.6400, 0.3300



0.1820, 0.6397, 0.3303

Inverse Universe

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



38.5553, 0.2764, 0.3288



67.7826, 0.2696, 0.3288



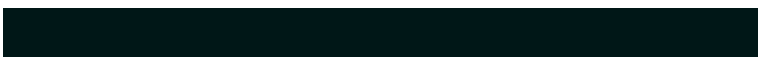
30.6938, 0.2735, 0.2947



9.0710, 0.2987, 0.3289



24.1361, 0.2246, 0.3285



0.6718, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 26.9853, 0.3646, 0.3292 looks on a white background.

Color Contrast Check

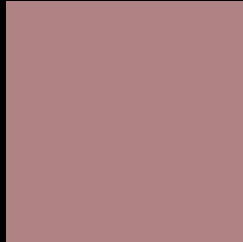
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9853, 0.3646, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

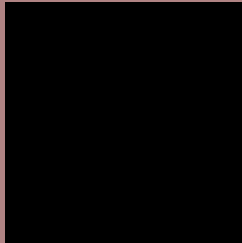
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9853, 0.3646, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 26.9853, 0.3646, 0.3292.



This preview shows how white text looks on a background with the Yxy color 26.9853, 0.3646, 0.3292.

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

26.9853, 0.3646, 0.3292

Protanopia

27.2631, 0.3221, 0.3372

Deuteranopia

26.9766, 0.3463, 0.3401



Tritanopia

27.0888, 0.3555, 0.3145

Trichromacy



Original Color

26.9853, 0.3646, 0.3292

Protanomaly

27.0943, 0.3371, 0.3338

Deuteranomaly

26.9390, 0.3527, 0.3368

Tritanomaly

27.0015, 0.3590, 0.3189

Monochromacy



Original Color

26.9853, 0.3646, 0.3292

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2979, 0.3304, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9853, 0.3646, 0.3292 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(175, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 131)  
}
```

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(175, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.9853, 0.3646, 0.3292 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(175, 131, 131) }
```

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

```
.border{ border-color:rgb(175, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9853, 0.3646, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 131) }
```

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

```
.background{ background-color: rgb(175,  
131, 131) }
```

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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