

Converting Colors

$Y_{xy}(26.5950, 0.3687, 0.3340)$

Have a look what the booklet for
Yxy(26.5950, 0.3687, 0.3340)
contains.

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Color

Yxy(26.4962, 0.3686, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	AE827F
RGB	174, 130, 127
RGB Percent	68%, 51%, 50%
CMY	0.3175, 0.4903, 0.5019
CMYK	0.00, 0.25, 0.27, 0.32
HSL	4°, 23%, 59%
HSV	4°, 27%, 68%
XYZ	29.2761, 26.4962, 23.6528
YIQ	142.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

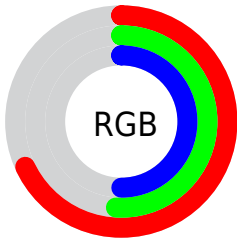
Format	Color
R_{YB}	174, 130, 127
Decimal	11436671
CIE _{Lab}	58.51, 16.53, 8.23
CIE _{LCh}	59, 18.465, 26.467
Yxy	26.4962, 0.3686, 0.3336
Android (android.graphics.Color)	4289626751 (0xFFAE827F)
YUV	142.8140, -7.7963, 27.3501
Hunter-Lab	51.4745, 11.4415, 8.7881

Details

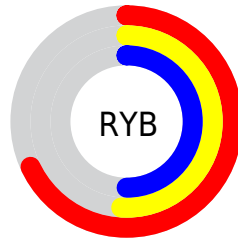
The Yxy color $26.4962, 0.3686, 0.3336$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.7204, 0.2736, 0.3243$, and the grayscale version is $27.4153, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9853, 0.3561, 0.3325$, and $10.2804, 0.3889, 0.3335$ is the 20% darker color. If you saturate the color by 10%, you get $22.0839, 0.3985, 0.3354$, and if you desaturate by 10%, it is $31.6765, 0.3441, 0.3318$.

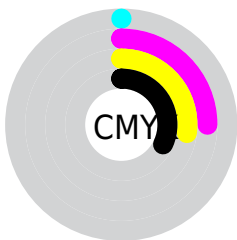
Distribution



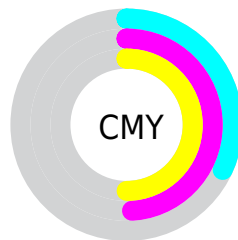
- Red (68%)
- Green (51%)
- Blue (50%)



- Red (68%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (32%)




- Cyan (32%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4962, 0.3686, 0.3336 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 26.4962, 0.3686, 0.3336 by changing the saturation by 10% instead.


 26.4962, 0.3686,
0.3336


 26.4962, 0.3686,
0.3336


285.2095, 0.3378,
0.3316


 17.1952, 0.3774,
0.3339


 54.0744, 0.3566,
0.3330

 10.3738, 0.3895,
0.3342


 73.1203, 0.3524,
0.3327

 5.6475, 0.4070,
0.3341

 96.1834, 0.3489,
0.3325

 2.6319, 0.4346,
0.3333

123.6480, 0.3459,
0.3323

 0.9427, 0.4988,
0.3393

155.8985, 0.3434,
0.3321

 0.0000, 1.0000,
0.0000

193.3194, 0.3413,

 0.0000, 0.0000,


0.3319

0.0000


236.2949, 0.3394,
0.3318


 26.4962, 0.3686,
0.3336


 26.4962, 0.3686,
0.3336


 22.0839, 0.3985,
0.3354


 31.6765, 0.3441,
0.3318


 18.3995, 0.4344,
0.3371

 37.6549, 0.3243,
0.3301


 15.4051, 0.4761,
0.3383

 44.4646, 0.3083,
0.3285

 13.0576, 0.5214,
0.3389

 52.1357, 0.2953,
0.3271

 11.3093, 0.5662,
0.3383

 60.6967, 0.2846,
0.3258

■ 10.1058, 0.6040,
0.3366

■ 70.1750, 0.2759,
0.3247

■ 9.3814, 0.6294,
0.3340

■ 80.5968, 0.2687,
0.3236

■ 9.2430, 0.6352,
0.3339

■ 87.7434, 0.2671,
0.3289

Harmonies

Analogous

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



26.4962, 0.3466, 0.3085



26.4962, 0.3686, 0.3336



26.4962, 0.3747, 0.3589

Triad

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



26.4962, 0.3686, 0.3336



26.4962, 0.3072, 0.3746



26.4962, 0.2635, 0.2802

Complementary

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



26.4962, 0.3686, 0.3336



36.7204, 0.2736, 0.3243

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.



26.4962, 0.2544, 0.2948



26.4962, 0.3686, 0.3336



26.4962, 0.2787, 0.3501

Square

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



26.4962, 0.3686, 0.3336



26.4962, 0.3382, 0.3847



26.4962, 0.2597, 0.3202



26.4962, 0.2856, 0.2785

Rectangle

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



26.4962, 0.3686, 0.3336



26.4962, 0.3688, 0.3728



26.4962, 0.2597, 0.3202



26.4962, 0.2589, 0.2837

Sweetspot

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



26.4974, 0.3686, 0.3336



66.9811, 0.3263, 0.3303



27.1511, 0.3183, 0.2661



14.5136, 0.3291, 0.3305



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.



26.4974, 0.3686, 0.3336



43.4363, 0.3845, 0.3346



33.2780, 0.3601, 0.3668



8.0937, 0.3285, 0.3305



6.7335, 0.6343, 0.3346



0.2131, 0.6104, 0.3535

Inverse Universe

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



36.7204, 0.2736, 0.3243



64.8759, 0.2664, 0.3233



28.8046, 0.2701, 0.2880



8.9840, 0.2986, 0.3275



21.2451, 0.2193, 0.3095



0.6165, 0.2211, 0.3158

Previews

White Background



This preview shows how the Yxy color 26.4962, 0.3686, 0.3336 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 26.4962, 0.3686, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

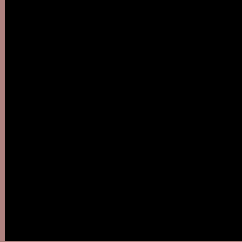
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4962, 0.3686, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 26.4962, 0.3686, 0.3336.



This preview shows how white text looks on a background with the Yxy color 26.4962, 0.3686, 0.3336.

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

26.4962, 0.3686, 0.3336

Protanopia

26.4694, 0.3254, 0.3406

Deuteranopia

26.5883, 0.3511, 0.3449



Tritanopia

26.3873, 0.3573, 0.3144

Trichromacy



Original Color

26.4962, 0.3686, 0.3336

Protanomaly

26.3149, 0.3408, 0.3370

Deuteranomaly

26.5559, 0.3576, 0.3415

Tritanomaly

26.5357, 0.3617, 0.3218

Monochromacy



Original Color

26.4962, 0.3686, 0.3336

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8531, 0.3316, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4962, 0.3686, 0.3336 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(174, 130, 127)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 127)  
}
```

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(174, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.4962, 0.3686, 0.3336 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(174, 130, 127) }
```

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

```
.border{ border-color:rgb(174, 130, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 127);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4962, 0.3686, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 127) }
```

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

```
.background{ background-color: rgb(174,  
130, 127) }
```

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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