

Converting Colors

$Y_{xy}(26.2078, 0.3561, 0.3339)$

Have a look what the booklet for
Yxy(26.2078, 0.3561, 0.3339)
contains.

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Color

Yxy(26.1945, 0.3560, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	A68481
RGB	166, 132, 129
RGB Percent	65%, 52%, 51%
CMY	0.3489, 0.4824, 0.4941
CMYK	0.00, 0.21, 0.22, 0.35
HSL	5°, 17%, 58%
HSV	5°, 22%, 65%
XYZ	27.9450, 26.1945, 24.3577
YIQ	141.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

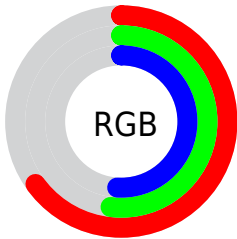
Format	Color
R_{YB}	166, 132, 129
Decimal	10912897
CIE _{Lab}	58.22, 12.56, 6.56
CIE _{LCh}	58, 14.165, 27.577
Yxy	26.1945, 0.3560, 0.3337
Android (android.graphics.Color)	4289102977 (0xFFA68481)
YUV	141.8240, -6.3222, 21.2024
Hunter-Lab	51.1806, 7.8964, 7.6093

Details

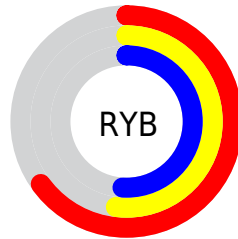
The Yxy color $26.1945, 0.3560, 0.3337$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.6369, 0.2800, 0.3242$, and the grayscale version is $26.9980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6049, 0.3469, 0.3326$, and $10.1245, 0.3715, 0.3336$ is the 20% darker color. If you saturate the color by 10%, you get $21.9472, 0.3828, 0.3360$, and if you desaturate by 10%, it is $31.1221, 0.3341, 0.3315$.

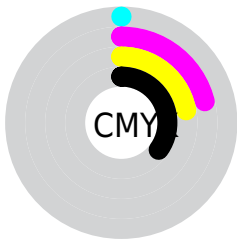
Distribution



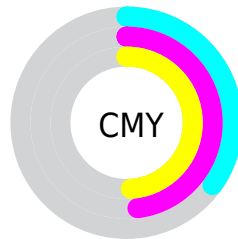
- Red (65%)
- Green (52%)
- Blue (51%)



- Red (65%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (35%)





- Cyan (35%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1945, 0.3560, 0.3337 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 26.1945, 0.3560, 0.3337 by changing the saturation by 10% instead.


 26.1945, 0.3560,
0.3337


 26.1945, 0.3560,
0.3337


283.7356, 0.3321,
0.3315


 16.9692, 0.3628,
0.3342


 53.5886, 0.3467,
0.3329

 10.2125, 0.3722,
0.3347


 72.5261, 0.3434,
0.3326

 5.5401, 0.3859,
0.3353

 95.4699, 0.3407,
0.3324

 2.5675, 0.4077,
0.3357

122.8042, 0.3384,
0.3321

 0.9104, 0.4574,
0.3423

154.9136, 0.3365,
0.3319

 0.0000, 1.0000,
0.0000


192.1823, 0.3348,


 0.0000, 0.0000,

0.3318


0.0000


234.9949, 0.3334,
0.3316


 26.1945, 0.3560,
0.3337


 26.1945, 0.3560,
0.3337


 21.9472, 0.3828,
0.3360

 31.1221, 0.3341,
0.3315

 18.3468, 0.4153,
0.3382


 36.7541, 0.3163,
0.3294


 15.3628, 0.4536,
0.3400

 43.1182, 0.3018,
0.3276

 12.9604, 0.4968,
0.3413

 50.2392, 0.2900,
0.3258

 11.1016, 0.5418,
0.3413

 58.1408, 0.2803,
0.3243

■ 9.7440, 0.5837,
0.3400

■ 66.8459, 0.2723,
0.3229

■ 8.8386, 0.6161,
0.3371

■ 76.3762, 0.2657,
0.3217

■ 8.4068, 0.6334,
0.3353

■ 86.3042, 0.2632,
0.3279

■ 86.8502, 0.2633,
0.3289

Harmonies

Analogous

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



26.1945, 0.3396, 0.3138



26.1945, 0.3560, 0.3337



26.1945, 0.3602, 0.3532

Triad

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



26.1945, 0.3560, 0.3337



26.1945, 0.3078, 0.3631



26.1945, 0.2750, 0.2910

Complementary

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



26.1945, 0.3560, 0.3337



33.6369, 0.2800, 0.3242

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.



26.1945, 0.2674, 0.3023



26.1945, 0.3560, 0.3337



26.1945, 0.2858, 0.3444

Square

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



26.1945, 0.3560, 0.3337



26.1945, 0.3318, 0.3715



26.1945, 0.2712, 0.3218



26.1945, 0.2926, 0.2897

Rectangle

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



26.1945, 0.3560, 0.3337



26.1945, 0.3555, 0.3636



26.1945, 0.2712, 0.3218



26.1945, 0.2712, 0.2937

Sweetspot

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



26.1957, 0.3560, 0.3337



61.5736, 0.3244, 0.3304



26.4797, 0.3179, 0.2783



13.6507, 0.3254, 0.3305



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.1957, 0.3560, 0.3337



43.3593, 0.3693, 0.3349



31.5054, 0.3503, 0.3607



7.6356, 0.3284, 0.3309



6.5467, 0.6325, 0.3360



0.1885, 0.6015, 0.3606

Inverse Universe

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



33.6369, 0.2800, 0.3242



59.3998, 0.2730, 0.3230



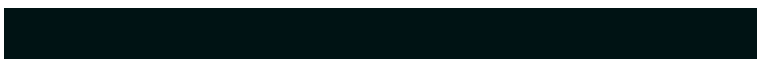
27.6906, 0.2779, 0.2951



8.4274, 0.2987, 0.3271



19.7479, 0.2178, 0.3041



0.5096, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 26.1945, 0.3560, 0.3337 looks on a white background.

Color Contrast Check

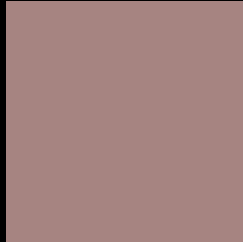
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1945, 0.3560, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

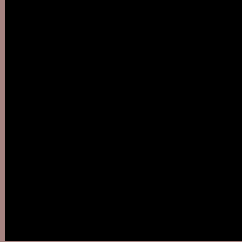
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1945, 0.3560, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 26.1945, 0.3560, 0.3337.



This preview shows how white text looks on a background with the Yxy color 26.1945, 0.3560, 0.3337.

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

26.1945, 0.3560, 0.3337

Protanopia

26.3789, 0.3242, 0.3406

Deuteranopia

26.1556, 0.3468, 0.3402



Tritanopia

26.0742, 0.3450, 0.3139

Trichromacy



Original Color

26.1945, 0.3560, 0.3337

Protanomaly

26.2327, 0.3349, 0.3371

Deuteranomaly

26.1858, 0.3506, 0.3385

Tritanomaly

26.2257, 0.3493, 0.3215

Monochromacy



Original Color

26.1945, 0.3560, 0.3337

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5624, 0.3282, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1945, 0.3560, 0.3337 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(166, 132, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 129)  
}
```

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(166, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.1945, 0.3560, 0.3337 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(166, 132, 129) }
```

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

```
.border{ border-color:rgb(166, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1945, 0.3560, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 132, 129) }
```

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

```
.background{ background-color: rgb(166,  
132, 129) }
```

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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