

Converting Colors

$Y_{xy}(26.9295, 0.3308, 0.3038)$

Have a look what the booklet for
Yxy(26.9295, 0.3308, 0.3038)
contains.

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Color

Yxy(26.9764, 0.3308, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	A58596
RGB	165, 133, 150
RGB Percent	65%, 52%, 59%
CMY	0.3531, 0.4784, 0.4118
CMYK	0.00, 0.19, 0.09, 0.35
HSL	328°, 15%, 58%
HSV	328°, 19%, 65%
XYZ	29.4029, 26.9764, 32.5050
YIQ	144.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

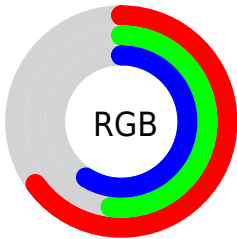
Format	Color
R_{YB}	165, 133, 150
Decimal	10847638
CIE _{Lab}	58.95, 15.09, -4.44
CIE _{LCh}	59, 15.727, 343.604
Yxy	26.9764, 0.3308, 0.3035
Android (android.graphics.Color)	4289037718 (0xFFA58596)
YUV	144.5060, 2.7085, 17.9732
Hunter-Lab	51.9388, 10.1572, -0.7485

Details

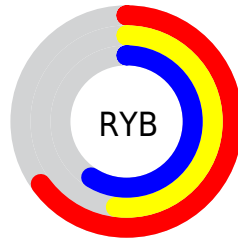
The Yxy color $26.9764, 0.3308, 0.3035$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $34.0235, 0.2979, 0.3560$, and the grayscale version is $28.0887, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6931, 0.3270, 0.3085$, and $10.5981, 0.3380, 0.2947$ is the 20% darker color. If you saturate the color by 10%, you get $22.5679, 0.3429, 0.2896$, and if you desaturate by 10%, it is $32.1132, 0.3207, 0.3170$.

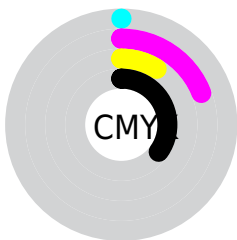
Distribution



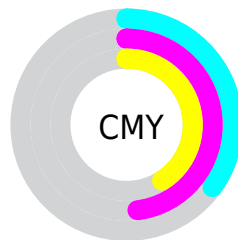
- Red (65%)
- Green (52%)
- Blue (59%)



- Red (65%)
- Yellow (52%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9764, 0.3308, 0.3035 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 26.9764, 0.3308, 0.3035 by changing the saturation by 10% instead.


 26.9764, 0.3308,
0.3035


 26.9764, 0.3308,
0.3035


287.5428, 0.3211,
0.3172


 17.5555, 0.3335,
0.2998


 54.8460, 0.3271,
0.3087

 10.6313, 0.3371,
0.2947


 74.0635, 0.3257,
0.3106

 5.8195, 0.3423,
0.2876


 97.3153, 0.3246,
0.3121

 2.7356, 0.3503,
0.2768

124.9858, 0.3237,
0.3135

 0.9953, 0.3640,
0.2583

157.4594, 0.3229,
0.3146

 0.0000, 0.5837,
0.0000

195.1205, 0.3222,

 0.0000, 0.0000,

0.3156

0.0000

238.3535, 0.3216,
0.3164

■ 26.9764, 0.3308,
0.3035

■ 26.9764, 0.3308,
0.3035

■ 22.5679, 0.3429,
0.2896

■ 32.1132, 0.3207,
0.3170

■ 18.8507, 0.3571,
0.2758

■ 38.0059, 0.3122,
0.3298

■ 15.7901, 0.3736,
0.2627

■ 44.6849, 0.3052,
0.3418

■ 13.3469, 0.3924,
0.2512

■ 52.1781, 0.2994,
0.3529

■ 11.4775, 0.4131,
0.2424

■ 60.5119, 0.2946,
0.3631

■ 10.1328, 0.4351,
0.2376

■ 69.7115, 0.2906,
0.3725

■ 9.2551, 0.4575,
0.2376

■ 79.8010, 0.2872,
0.3811

■ 8.7246, 0.4797,
0.2421

■ 84.2622, 0.2837,
0.3786

■ 8.6937, 0.4811,
0.2424

■ 84.6617, 0.2798,
0.3694

Harmonies

Analogous

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



26.9764, 0.3040, 0.2897



26.9764, 0.3308, 0.3035



26.9764, 0.3534, 0.3236

Triad

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



26.9764, 0.3308, 0.3035



26.9764, 0.3446, 0.3753



26.9764, 0.2634, 0.3086

Complementary

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



26.9764, 0.3308, 0.3035



34.0235, 0.2979, 0.3560

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.



26.9764, 0.2733, 0.3326



26.9764, 0.3308, 0.3035



26.9764, 0.3197, 0.3726

Square

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



26.9764, 0.3308, 0.3035



26.9764, 0.3613, 0.3649



26.9764, 0.2937, 0.3567



26.9764, 0.2660, 0.2917

Rectangle

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



26.9764, 0.3308, 0.3035



26.9764, 0.3625, 0.3385



26.9764, 0.2937, 0.3567



26.9764, 0.2654, 0.3161

Sweetspot

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



26.9776, 0.3308, 0.3035



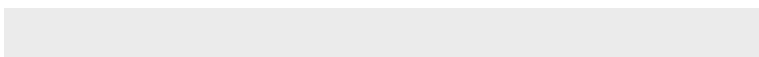
60.8246, 0.3178, 0.3212



25.7850, 0.2967, 0.2794



13.1614, 0.3183, 0.3205



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.9776, 0.3308, 0.3035



44.9787, 0.3354, 0.2979



26.4997, 0.3486, 0.3275



7.1459, 0.3206, 0.3171



6.5902, 0.4790, 0.2413



0.1479, 0.4082, 0.2022

Inverse Universe

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



26.9776, 0.3308, 0.3035



44.9787, 0.3354, 0.2979



34.5622, 0.2852, 0.3306



7.1459, 0.3206, 0.3171



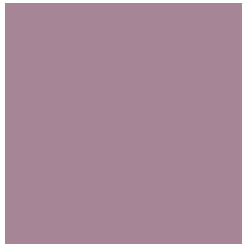
6.5902, 0.4790, 0.2413



0.1479, 0.4082, 0.2022

Previews

White Background



This preview shows how the Yxy color 26.9764, 0.3308, 0.3035 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 26.9764, 0.3308, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

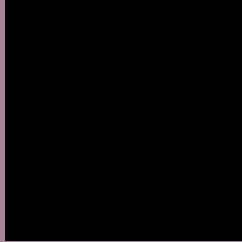
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9764, 0.3308, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 26.9764, 0.3308, 0.3035.



This preview shows how white text looks on a background with the Yxy color 26.9764, 0.3308, 0.3035.

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

26.9764, 0.3308, 0.3035

Protanopia

27.0790, 0.2991, 0.3065

Deuteranopia

27.1192, 0.3179, 0.3118



Tritanopia

26.9563, 0.3361, 0.3138

Trichromacy



Original Color

26.9764, 0.3308, 0.3035

Protanomaly

26.9609, 0.3106, 0.3054

Deuteranomaly

26.9463, 0.3225, 0.3089

Tritanomaly

27.0180, 0.3339, 0.3108

Monochromacy



Original Color

26.9764, 0.3308, 0.3035

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8317, 0.3185, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9764, 0.3308, 0.3035 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(165, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 150)  
}
```

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(165, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.9764, 0.3308, 0.3035 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(165, 133, 150) }
```

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

```
.border{ border-color:rgb(165, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9764, 0.3308, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 150) }
```

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

```
.background{ background-color: rgb(165,  
133, 150) }
```

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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