

Converting Colors

$Y_{xy}(26.5577, 0.3512, 0.3021)$

Have a look what the booklet for
Yxy(26.5577, 0.3512, 0.3021)
contains.

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Color

Yxy(26.5702, 0.3516, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	B17F91
RGB	177, 127, 145
RGB Percent	69%, 50%, 57%
CMY	0.3059, 0.5019, 0.4314
CMYK	0.00, 0.28, 0.18, 0.31
HSL	338°, 24%, 60%
HSV	338°, 28%, 69%
XYZ	30.8320, 26.5702, 30.2883
YIQ	144.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

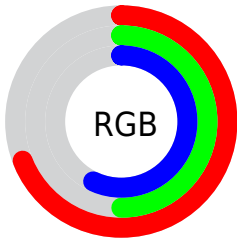
Format	Color
R_{YB}	177, 127, 145
Decimal	11632529
CIE _{Lab}	58.57, 22.11, -1.98
CIE _{LCh}	59, 22.198, 354.880
Yxy	26.5702, 0.3516, 0.3030
Android (android.graphics.Color)	4289822609 (0xFFB17F91)
YUV	144.0020, 0.4920, 28.9392
Hunter-Lab	51.5463, 16.5622, 1.2440

Details

The Yxy color **26.5702, 0.3516, 0.3030** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.4624, 0.2851, 0.3568**, and the grayscale version is **27.8821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0897, 0.3430, 0.3080**, and **10.3449, 0.3643, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **22.0615, 0.3712, 0.2934**, and if you desaturate by 10%, it is **31.9194, 0.3353, 0.3126**.

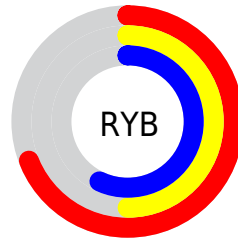
Distribution



Red (69%)

Green (50%)

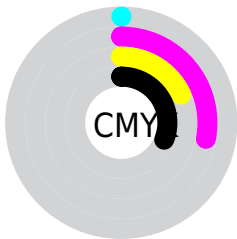
Blue (57%)



Red (69%)

Yellow (50%)

Blue (57%)

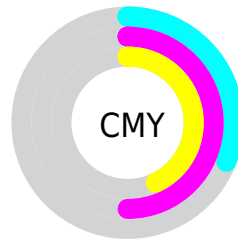


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (50%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5702, 0.3516, 0.3030 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 26.5702, 0.3516, 0.3030 by changing the saturation by 10% instead.


 26.5702, 0.3516,
0.3030


 26.5702, 0.3516,
0.3030


285.5700, 0.3304,
0.3171


 17.2507, 0.3575,
0.2991


 54.1934, 0.3434,
0.3084

 10.4134, 0.3656,
0.2938

 73.2659, 0.3405,
0.3103

 5.6739, 0.3773,
0.2863

 96.3582, 0.3381,
0.3119

 2.6478, 0.3954,
0.2747

123.8546, 0.3361,
0.3133

 0.9508, 0.4274,
0.2546

156.1396, 0.3344,
0.3144

 0.0000, 1.0000,
0.0000

193.5976, 0.3329,


 0.0000, 0.0000,


0.3154


0.0000

236.6129, 0.3316,
0.3163


 26.5702, 0.3516,
0.3030


 26.5702, 0.3516,
0.3030


 22.0615, 0.3712,
0.2934


 31.9194, 0.3353,
0.3126


 18.3466, 0.3946,
0.2843

 38.1455, 0.3219,
0.3218

 15.3798, 0.4217,
0.2766

 45.2868, 0.3109,
0.3305

 13.1092, 0.4522,
0.2714

 53.3788, 0.3019,
0.3385

 11.4763, 0.4848,
0.2699

 62.4546, 0.2946,
0.3459

■ 10.4125, 0.5175,
0.2730

■ 72.5459, 0.2885,
0.3527

■ 9.8044, 0.5479,
0.2807

■ 83.6831, 0.2834,
0.3588

■ 9.7143, 0.5531,
0.2821

■ 86.9036, 0.2780,
0.3503

■ 87.5821, 0.2724,
0.3376

Harmonies

Analogous

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



26.5702, 0.3142, 0.2803



26.5702, 0.3516, 0.3030



26.5702, 0.3791, 0.3323

Triad

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



26.5702, 0.3516, 0.3030



26.5702, 0.3448, 0.3963



26.5702, 0.2432, 0.2890

Complementary

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



26.5702, 0.3516, 0.3030



38.4624, 0.2851, 0.3568

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.



26.5702, 0.2504, 0.3198



26.5702, 0.3516, 0.3030



26.5702, 0.3078, 0.3855

Square

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



26.5702, 0.3516, 0.3030



26.5702, 0.3743, 0.3866



26.5702, 0.2735, 0.3563



26.5702, 0.2531, 0.2713

Rectangle

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



26.5702, 0.3516, 0.3030



26.5702, 0.3870, 0.3528



26.5702, 0.2735, 0.3563



26.5702, 0.2437, 0.2981

Sweetspot

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



26.5714, 0.3516, 0.3030



68.4471, 0.3218, 0.3219



25.6915, 0.2963, 0.2558



14.4533, 0.3236, 0.3206



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.



26.5714, 0.3516, 0.3030



42.3019, 0.3636, 0.2969



27.8393, 0.3707, 0.3390



8.5541, 0.3232, 0.3208



7.0486, 0.5503, 0.2805



0.2332, 0.4727, 0.2378

Inverse Universe

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



26.5714, 0.3516, 0.3030



42.3019, 0.3636, 0.2969



36.5633, 0.2714, 0.3188



8.5541, 0.3232, 0.3208



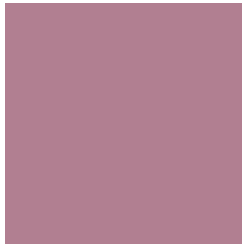
7.0486, 0.5503, 0.2805



0.2332, 0.4727, 0.2378

Previews

White Background



This preview shows how the Yxy color 26.5702, 0.3516, 0.3030 looks on a white background.

Color Contrast Check

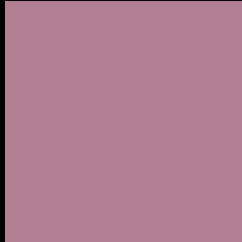
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5702, 0.3516, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

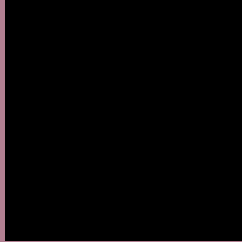
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5702, 0.3516, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 26.5702, 0.3516, 0.3030.



This preview shows how white text looks on a background with the Yxy color 26.5702, 0.3516, 0.3030.

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

26.5702, 0.3516, 0.3030

Protanopia

26.6315, 0.3000, 0.3079

Deuteranopia

26.7445, 0.3254, 0.3196



Tritanopia

26.5034, 0.3584, 0.3145

Trichromacy



Original Color

26.5702, 0.3516, 0.3030

Protanomaly

26.3023, 0.3171, 0.3055

Deuteranomaly

26.4701, 0.3340, 0.3122

Tritanomaly

26.5915, 0.3549, 0.3101

Monochromacy



Original Color

26.5702, 0.3516, 0.3030

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2585, 0.3264, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5702, 0.3516, 0.3030 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(177, 127, 145)` looks like.

```
.text, #text, p{  
    color:rgb(177, 127, 145)  
}
```

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(177, 127, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 127, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.5702, 0.3516, 0.3030 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(177, 127, 145) }
```

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

```
.border{ border-color:rgb(177, 127, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 127, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 127, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 127, 145);  
box-shadow:4px 4px 4px 4px rgb(177, 127,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5702, 0.3516, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 127, 145) }
```

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

```
.background{ background-color: rgb(177,  
127, 145) }
```

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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