

Converting Colors

$Y_{xy}(26.5174, 0.3517, 0.2959)$

Have a look what the booklet for
Yxy(26.5174, 0.3517, 0.2959)
contains.

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Color

Yxy(26.5086, 0.3520, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	B47D94
RGB	180, 125, 148
RGB Percent	71%, 49%, 58%
CMY	0.2941, 0.5098, 0.4195
CMYK	0.00, 0.31, 0.18, 0.29
HSL	335°, 27%, 60%
HSV	335°, 31%, 71%
XYZ	31.5025, 26.5086, 31.4846
YIQ	144.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

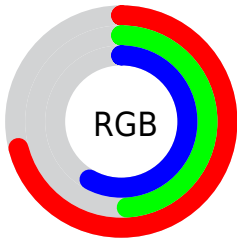
Format	Color
R _Y B	180, 125, 148
Decimal	11828628
CIE Lab	58.52, 24.83, -3.78
CIE LCh	59, 25.116, 351.351
Yxy	26.5086, 0.3520, 0.2962
Android (android.graphics.Color)	4290018708 (0xFFB47D94)
YUV	144.0670, 1.9390, 31.5132
Hunter-Lab	51.4865, 19.1154, -0.2159

Details

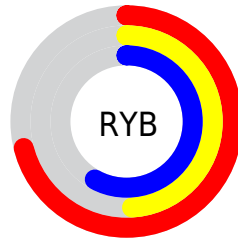
The Yxy color **26.5086, 0.3520, 0.2962** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4350, 0.2853, 0.3646**, and the grayscale version is **27.9037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1096, 0.3442, 0.3028**, and **10.3308, 0.3667, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **22.0413, 0.3704, 0.2851**, and if you desaturate by 10%, it is **31.8341, 0.3366, 0.3074**.

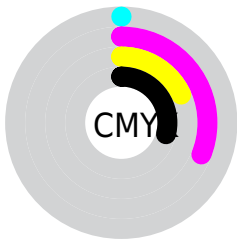
Distribution



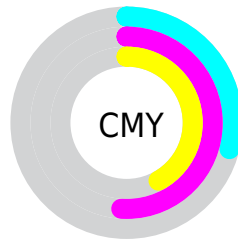
- Red (71%)
- Green (49%)
- Blue (58%)



- Red (71%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5086, 0.3520, 0.2962 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 26.5086, 0.3520, 0.2962 by changing the saturation by 10% instead.


 26.5086, 0.3520,
0.2962


 26.5086, 0.3520,
0.2962


285.2699, 0.3307,
0.3138


 17.2045, 0.3579,
0.2914


 54.0943, 0.3438,
0.3029

 10.3804, 0.3660,
0.2849


 73.1447, 0.3409,
0.3053

 5.6519, 0.3775,
0.2757


 96.2127, 0.3385,
0.3073

 2.6346, 0.3954,
0.2618

123.6827, 0.3364,
0.3090

 0.9441, 0.4265,
0.2382

155.9389, 0.3347,
0.3105

 0.0000, 0.8407,
0.0000

193.3660, 0.3332,

 0.0000, 0.0000,

0.3117

0.0000

236.3482, 0.3319,
0.3128

■ 26.5086, 0.3520,
0.2962

■ 26.5086, 0.3520,
0.2962

■ 22.0413, 0.3704,
0.2851

■ 31.8341, 0.3366,
0.3074

■ 18.3832, 0.3921,
0.2748

■ 38.0563, 0.3238,
0.3182

■ 15.4857, 0.4171,
0.2662


■ 45.2155, 0.3132,
0.3285


■ 13.2937, 0.4448,
0.2604


■ 53.3486, 0.3046,
0.3380

■ 11.7445, 0.4741,
0.2587

■ 62.4907, 0.2974,
0.3468


 10.7638, 0.5033,
0.2621

 72.6748, 0.2915,
0.3549

 10.2160, 0.5297,
0.2692

 83.9327, 0.2867,
0.3623

 87.0342, 0.2816,
0.3546

 87.6458, 0.2763,
0.3428

Harmonies

Analogous

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



26.5086, 0.3091, 0.2722



26.5086, 0.3520, 0.2962



26.5086, 0.3853, 0.3283

Triad

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



26.5086, 0.3520, 0.2962



26.5086, 0.3532, 0.4053



26.5086, 0.2347, 0.2869

Complementary

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



26.5086, 0.3520, 0.2962



39.4350, 0.2853, 0.3646

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.



26.5086, 0.2447, 0.3230



26.5086, 0.3520, 0.2962



26.5086, 0.3118, 0.3963

Square

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



26.5086, 0.3520, 0.2962



26.5086, 0.3851, 0.3912



26.5086, 0.2723, 0.3647



26.5086, 0.2435, 0.2654

Rectangle

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



26.5086, 0.3520, 0.2962



26.5086, 0.3962, 0.3513



26.5086, 0.2723, 0.3647



26.5086, 0.2359, 0.2976

Sweetspot

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



26.5098, 0.3520, 0.2962



70.7190, 0.3222, 0.3197



25.0475, 0.2907, 0.2484



14.9049, 0.3238, 0.3182



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.5098, 0.3520, 0.2962



42.1772, 0.3647, 0.2883



26.7971, 0.3786, 0.3345



8.5623, 0.3224, 0.3195



7.1431, 0.5267, 0.2675



0.2365, 0.4555, 0.2283

Inverse Universe

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



26.5098, 0.3520, 0.2962



42.1772, 0.3647, 0.2883



38.8360, 0.2688, 0.3234



8.5623, 0.3224, 0.3195



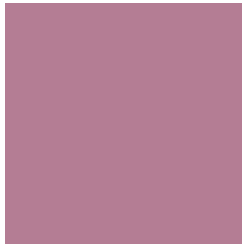
7.1431, 0.5267, 0.2675



0.2365, 0.4555, 0.2283

Previews

White Background



This preview shows how the Yxy color 26.5086, 0.3520, 0.2962 looks on a white background.

Color Contrast Check

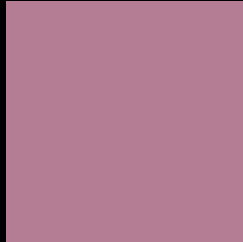
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5086, 0.3520, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

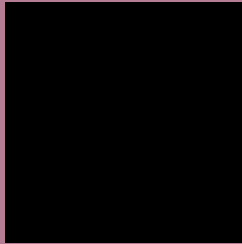
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5086, 0.3520, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 26.5086, 0.3520, 0.2962.



This preview shows how white text looks on a background with the Yxy color 26.5086, 0.3520, 0.2962.

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

26.5086, 0.3520, 0.2962

Protanopia

26.6795, 0.2952, 0.3016

Deuteranopia

26.6420, 0.3200, 0.3148



Tritanopia

26.5686, 0.3635, 0.3146

Trichromacy



Original Color

26.5086, 0.3520, 0.2962

Protanomaly

26.5311, 0.3141, 0.2995

Deuteranomaly

26.5630, 0.3307, 0.3076

Tritanomaly

26.4285, 0.3590, 0.3074

Monochromacy



Original Color

26.5086, 0.3520, 0.2962

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1038, 0.3266, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5086, 0.3520, 0.2962 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(180, 125, 148)` looks like.

```
.text, #text, p{  
    color:rgb(180, 125, 148)  
}
```

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(180, 125, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 125, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.5086, 0.3520, 0.2962 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(180, 125, 148) }
```

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

```
.border{ border-color:rgb(180, 125, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 125, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 125, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 125, 148);  
box-shadow:4px 4px 4px 4px rgb(180, 125,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5086, 0.3520, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 125, 148) }
```

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

```
.background{ background-color: rgb(180,  
125, 148) }
```

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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