

Converting Colors

$Y_{xy}(25.9194, 0.3491, 0.2984)$

Have a look what the booklet for
Yxy(25.9194, 0.3491, 0.2984)
contains.

Yxy(25.9727, 0.3497, 0.2985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9727, 0.3497, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	B07D92
RGB	176, 125, 146
RGB Percent	69%, 49%, 57%
CMY	0.3098, 0.5098, 0.4274
CMYK	0.00, 0.29, 0.17, 0.31
HSL	335°, 24%, 59%
HSV	335°, 29%, 69%
XYZ	30.4276, 25.9727, 30.6104
YIQ	142.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

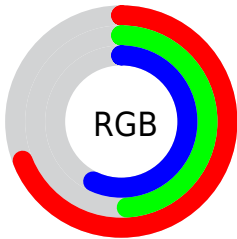
Format	Color
R _Y B	176, 125, 146
Decimal	11566482
CIE Lab	58.01, 23.03, -3.41
CIE LCh	58, 23.281, 351.569
Yxy	25.9727, 0.3497, 0.2985
Android (android.graphics.Color)	4289756562 (0xFFB07D92)
YUV	142.6430, 1.6550, 29.2541
Hunter-Lab	50.9634, 17.3872, 0.0628

Details

The Yxy color **25.9727, 0.3497, 0.2985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7775, 0.2864, 0.3619**, and the grayscale version is **27.3058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1667, 0.3416, 0.3046**, and **10.0876, 0.3633, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **21.5979, 0.3678, 0.2876**, and if you desaturate by 10%, it is **31.1687, 0.3346, 0.3094**.

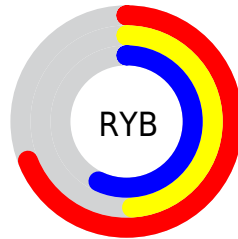
Distribution



Red (69%)

Green (49%)

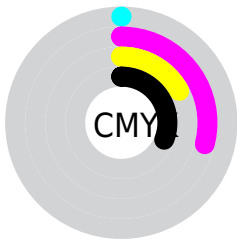
Blue (57%)



Red (69%)

Yellow (49%)

Blue (57%)

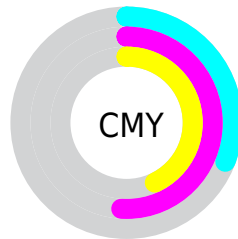


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (31%)



Cyan (31%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9727, 0.3497, 0.2985 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 25.9727, 0.3497, 0.2985 by changing the saturation by 10% instead.


 25.9727, 0.3497,
0.2985


 25.9727, 0.3497,
0.2985


282.6480, 0.3296,
0.3149


 16.8032, 0.3554,
0.2940


 53.2309, 0.3419,
0.3048

 10.0943, 0.3630,
0.2878


 72.0884, 0.3392,
0.3071

 5.4615, 0.3741,
0.2791

 94.9441, 0.3369,
0.3089

 2.5205, 0.3913,
0.2658

122.1822, 0.3349,
0.3105

 0.8869, 0.4218,
0.2429

154.1873, 0.3333,
0.3119

 0.0000, 1.0000,
0.0000

191.3437, 0.3319,

 0.0000, 0.0000,

0.3130

0.0000

234.0358, 0.3306,
0.3140

■ 25.9727, 0.3497,
0.2985

■ 25.9727, 0.3497,
0.2985

■ 21.5979, 0.3678,
0.2876

■ 31.1687, 0.3346,
0.3094

■ 17.9981, 0.3892,
0.2772

■ 37.2215, 0.3221,
0.3200

■ 15.1283, 0.4139,
0.2684

■ 44.1693, 0.3118,
0.3300

■ 12.9372, 0.4415,
0.2622

■ 52.0466, 0.3033,
0.3393

■ 11.3667, 0.4711,
0.2599

■ 60.8862, 0.2963,
0.3478

■ 10.3487, 0.5008,
0.2625

■ 70.7193, 0.2905,
0.3557

■ 9.7582, 0.5291,
0.2697

■ 81.5757, 0.2858,
0.3628

■ 9.7051, 0.5320,
0.2704

■ 86.3962, 0.2809,
0.3581

■ 86.9910, 0.2758,
0.3463

Harmonies

Analogous

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



25.9727, 0.3097, 0.2758



25.9727, 0.3497, 0.2985



25.9727, 0.3805, 0.3288

Triad

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



25.9727, 0.3497, 0.2985



25.9727, 0.3505, 0.4001



25.9727, 0.2395, 0.2896

Complementary

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



25.9727, 0.3497, 0.2985



37.7775, 0.2864, 0.3619

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.



25.9727, 0.2489, 0.3233



25.9727, 0.3497, 0.2985



25.9727, 0.3117, 0.3913

Square

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



25.9727, 0.3497, 0.2985



25.9727, 0.3803, 0.3875



25.9727, 0.2748, 0.3619



25.9727, 0.2480, 0.2694

Rectangle

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



25.9727, 0.3497, 0.2985



25.9727, 0.3906, 0.3504



25.9727, 0.2748, 0.3619



25.9727, 0.2407, 0.2997

Sweetspot

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



25.9739, 0.3497, 0.2985



67.2936, 0.3223, 0.3198



24.7464, 0.2931, 0.2532



14.2242, 0.3239, 0.3184



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.



25.9739, 0.3497, 0.2985



41.6795, 0.3614, 0.2912



26.4780, 0.3736, 0.3355



8.5614, 0.3225, 0.3197



7.1317, 0.5294, 0.2690



0.2361, 0.4574, 0.2293

Inverse Universe

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



25.9739, 0.3497, 0.2985



41.6795, 0.3614, 0.2912



36.9054, 0.2708, 0.3224



8.5614, 0.3225, 0.3197



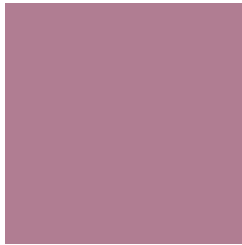
7.1317, 0.5294, 0.2690



0.2361, 0.4574, 0.2293

Previews

White Background



This preview shows how the Yxy color 25.9727, 0.3497, 0.2985 looks on a white background.

Color Contrast Check

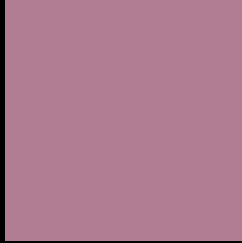
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9727, 0.3497, 0.2985 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 25.9727, 0.3497, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 25.9727, 0.3497, 0.2985.



This preview shows how white text looks on a background with the Yxy color 25.9727, 0.3497, 0.2985.

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

25.9727, 0.3497, 0.2985

Protanopia

26.2016, 0.2969, 0.3046

Deuteranopia

25.9209, 0.3212, 0.3147



Tritanopia

26.0703, 0.3600, 0.3158

Trichromacy



Original Color

25.9727, 0.3497, 0.2985

Protanomaly

25.9600, 0.3151, 0.3023

Deuteranomaly

25.7505, 0.3309, 0.3074

Tritanomaly

25.9291, 0.3555, 0.3085

Monochromacy



Original Color

25.9727, 0.3497, 0.2985

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5905, 0.3256, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9727, 0.3497, 0.2985 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(176, 125, 146)` looks like.

```
.text, #text, p{  
    color:rgb(176, 125, 146)  
}
```

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(176, 125, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 125, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.9727, 0.3497, 0.2985 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(176, 125, 146) }
```

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

```
.border{ border-color:rgb(176, 125, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 125, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 125, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 125, 146);  
box-shadow:4px 4px 4px 4px rgb(176, 125,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9727, 0.3497, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 125, 146) }
```

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

```
.background{ background-color: rgb(176,  
125, 146) }
```

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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