

Converting Colors

$Y_{xy}(25.4634, 0.3412, 0.2993)$

Have a look what the booklet for
Yxy(25.4634, 0.3412, 0.2993)
contains.

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Color

Yxy(25.4320, 0.3412, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	A97E92
RGB	169, 126, 146
RGB Percent	66%, 49%, 57%
CMY	0.3373, 0.5059, 0.4273
CMYK	0.00, 0.25, 0.14, 0.34
HSL	332°, 20%, 58%
HSV	332°, 25%, 66%
XYZ	29.0117, 25.4320, 30.5847
YIQ	141.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

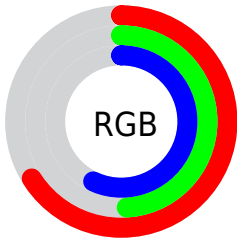
Format	Color
R_{YB}	169, 126, 146
Decimal	11107986
CIE Lab	57.49, 19.87, -4.27
CIE LCh	57, 20.321, 347.875
Yxy	25.4320, 0.3412, 0.2991
Android (android.graphics.Color)	4289298066 (0xFFA97E92)
YUV	141.1370, 2.3975, 24.4359
Hunter-Lab	50.4301, 14.4356, -0.6569

Details

The Yxy color $25.4320, 0.3412, 0.2991$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.9781, 0.2912, 0.3611$, and the grayscale version is $26.6782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4179, 0.3354, 0.3052$, and $9.8653, 0.3502, 0.2887$ is the 20% darker color. If you saturate the color by 10%, you get $21.2000, 0.3565, 0.2868$, and if you desaturate by 10%, it is $30.4186, 0.3284, 0.3113$.

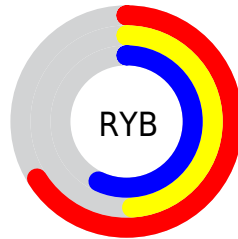
Distribution



Red (66%)

Green (49%)

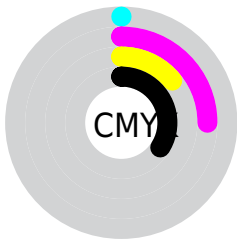
Blue (57%)



Red (66%)

Yellow (49%)

Blue (57%)

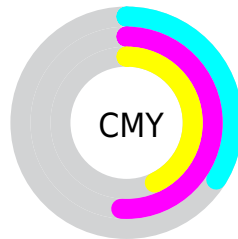


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (34%)



Cyan (34%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4320, 0.3412, 0.2991 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 25.4320, 0.3412, 0.2991 by changing the saturation by 10% instead.


 25.4320, 0.3412,
0.2991


 25.4320, 0.3412,
0.2991


279.9825, 0.3257,
0.3152


 16.3992, 0.3456,
0.2946


 52.3572, 0.3352,
0.3053

 9.8071, 0.3515,
0.2886


 71.0184, 0.3331,
0.3075

 5.2712, 0.3600,
0.2800

 93.6578, 0.3313,
0.3093

 2.4073, 0.3734,
0.2668

120.6599, 0.3298,
0.3109

 0.8296, 0.3972,
0.2438

152.4090, 0.3286,
0.3122

 0.0000, 1.0000,
0.0000

189.2896, 0.3275,

 0.0000, 0.0000,

0.3134

0.0000

231.6859, 0.3265,
0.3144

■ 25.4320, 0.3412,
0.2991

■ 25.4320, 0.3412,
0.2991

■ 21.2000, 0.3565,
0.2868

■ 30.4186, 0.3284,
0.3113

■ 17.6819, 0.3746,
0.2748

■ 36.1908, 0.3177,
0.3229

■ 14.8386, 0.3955,
0.2641

■ 42.7823, 0.3089,
0.3339

■ 12.6255, 0.4191,
0.2556

■ 50.2237, 0.3016,
0.3441

■ 10.9928, 0.4447,
0.2505

■ 58.5439, 0.2956,
0.3535

■ 9.8831, 0.4712,
0.2500

■ 67.7706, 0.2906,
0.3621

■ 9.2235, 0.4972,
0.2548

■ 77.9302, 0.2865,
0.3700

■ 8.9945, 0.5089,
0.2577

■ 85.0293, 0.2826,
0.3708

■ 85.5157, 0.2781,
0.3602

Harmonies

Analogous

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



25.4320, 0.3059, 0.2800



25.4320, 0.3412, 0.2991



25.4320, 0.3697, 0.3256

Triad

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



25.4320, 0.3412, 0.2991



25.4320, 0.3501, 0.3909



25.4320, 0.2480, 0.2978

Complementary

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



25.4320, 0.3412, 0.2991



34.9781, 0.2912, 0.3611

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.



25.4320, 0.2584, 0.3285



25.4320, 0.3412, 0.2991



25.4320, 0.3164, 0.3853

Square

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



25.4320, 0.3412, 0.2991



25.4320, 0.3745, 0.3785



25.4320, 0.2830, 0.3617



25.4320, 0.2536, 0.2779

Rectangle

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



25.4320, 0.3412, 0.2991



25.4320, 0.3801, 0.3448



25.4320, 0.2830, 0.3617



25.4320, 0.2497, 0.3071

Sweetspot

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



25.4332, 0.3412, 0.2991



61.8828, 0.3204, 0.3198



24.1702, 0.2937, 0.2629



13.1520, 0.3219, 0.3182



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.



25.4332, 0.3412, 0.2991



40.7602, 0.3503, 0.2916



25.2326, 0.3647, 0.3313



7.5983, 0.3216, 0.3185



6.7149, 0.5065, 0.2564



0.1738, 0.4303, 0.2144

Inverse Universe

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



25.4332, 0.3412, 0.2991



40.7602, 0.3503, 0.2916



35.1432, 0.2759, 0.3267



7.5983, 0.3216, 0.3185



6.7149, 0.5065, 0.2564



0.1738, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 25.4320, 0.3412, 0.2991 looks on a white background.

Color Contrast Check

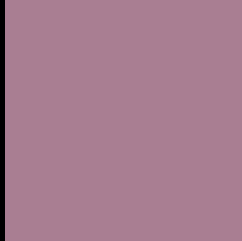
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4320, 0.3412, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

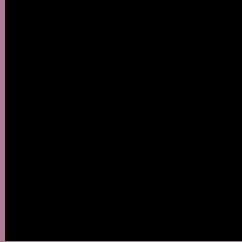
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4320, 0.3412, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 25.4320, 0.3412, 0.2991.



This preview shows how white text looks on a background with the Yxy color 25.4320, 0.3412, 0.2991.

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

25.4320, 0.3412, 0.2991

Protanopia

25.4255, 0.2958, 0.3027

Deuteranopia

25.4534, 0.3191, 0.3129



Tritanopia

25.3097, 0.3504, 0.3139

Trichromacy



Original Color

25.4320, 0.3412, 0.2991

Protanomaly

25.2730, 0.3118, 0.3018

Deuteranomaly

25.3449, 0.3263, 0.3071

Tritanomaly

25.3970, 0.3469, 0.3094

Monochromacy



Original Color

25.4320, 0.3412, 0.2991

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1708, 0.3222, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4320, 0.3412, 0.2991 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(169, 126, 146)` looks like.

```
.text, #text, p{  
    color:rgb(169, 126, 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(169, 126, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 126, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.4320, 0.3412, 0.2991 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(169, 126, 146) }
```

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

```
.border{ border-color:rgb(169, 126, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 126, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 126, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 126, 146);  
box-shadow:4px 4px 4px 4px rgb(169, 126,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4320, 0.3412, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 126, 146) }
```

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

```
.background{ background-color: rgb(169,  
126, 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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