

Converting Colors

$Y_{xy}(25.1988, 0.3358, 0.3006)$

Have a look what the booklet for
Yxy(25.1988, 0.3358, 0.3006)
contains.

Yxy(25.1466, 0.3352, 0.3001)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.1466, 0.3352, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	A47F92
RGB	164, 127, 146
RGB Percent	64%, 50%, 57%
CMY	0.3568, 0.5020, 0.4275
CMYK	0.00, 0.23, 0.11, 0.36
HSL	329°, 17%, 57%
HSV	329°, 23%, 64%
XYZ	28.0878, 25.1466, 30.5597
YIQ	140.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

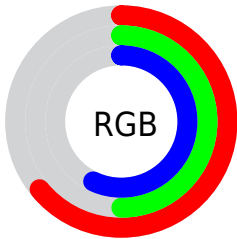
Format	Color
RYB	164, 127, 146
Decimal	10780562
CIELab	57.22, 17.45, -4.71
CIELCh	57, 18.069, 344.896
Yxy	25.1466, 0.3352, 0.3001
Android (android.graphics.Color)	4288970642 (0xFFA47F92)
YUV	140.2290, 2.8451, 20.8472
Hunter-Lab	50.1464, 12.2245, -1.0294

Details

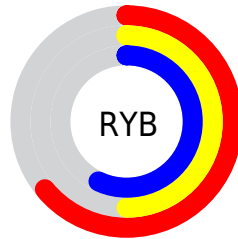
The Yxy color $25.1466, 0.3352, 0.3001$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.1120, 0.2950, 0.3598$, and the grayscale version is $26.3038, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8727, 0.3301, 0.3060$, and $9.7381, 0.3428, 0.2899$ is the 20% darker color. If you saturate the color by 10%, you get $21.0104, 0.3484, 0.2866$, and if you desaturate by 10%, it is $29.9920, 0.3241, 0.3133$.

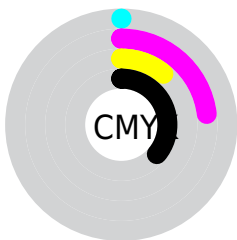
Distribution



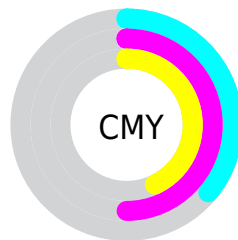
- Red (64%)
- Green (50%)
- Blue (57%)



- Red (64%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1466, 0.3352, 0.3001 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 25.1466, 0.3352, 0.3001 by changing the saturation by 10% instead.


 25.1466, 0.3352,
0.3001


 25.1466, 0.3352,
0.3001


278.5672, 0.3230,
0.3157


 16.1863, 0.3386,
0.2958


 51.8950, 0.3305,
0.3061

 9.6561, 0.3433,
0.2899


 70.4518, 0.3288,
0.3082

 5.1715, 0.3500,
0.2815

 92.9763, 0.3274,
0.3100

 2.3483, 0.3605,
0.2687

119.8528, 0.3262,
0.3115

 0.7991, 0.3795,
0.2457

151.4658, 0.3252,
0.3128

 0.0000, 1.0000,
0.0000

188.1996, 0.3244,

 0.0000, 0.0000,

0.3139

0.0000

230.4386, 0.3236,
0.3149

■ 25.1466, 0.3352,
0.3001

■ 25.1466, 0.3352,
0.3001

■ 21.0104, 0.3484,
0.2866

■ 29.9920, 0.3241,
0.3133

■ 17.5465, 0.3640,
0.2734

■ 35.5747, 0.3148,
0.3259

■ 14.7194, 0.3820,
0.2611

■ 41.9253, 0.3071,
0.3377

■ 12.4892, 0.4023,
0.2507

■ 49.0718, 0.3008,
0.3487

■ 10.8114, 0.4246,
0.2435

■ 57.0404, 0.2955,
0.3588

■ 9.6353, 0.4480,
0.2405

■ 65.8567, 0.2911,
0.3681

■ 8.9004, 0.4714,
0.2426

■ 75.5446, 0.2875,
0.3767

■ 8.5354, 0.4887,
0.2466

■ 84.0618, 0.2842,
0.3811

■ 84.4698, 0.2802,
0.3715

Harmonies

Analogous

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



25.1466, 0.3036, 0.2837



25.1466, 0.3352, 0.3001



25.1466, 0.3615, 0.3236

Triad

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



25.1466, 0.3352, 0.3001



25.1466, 0.3489, 0.3838



25.1466, 0.2549, 0.3037

Complementary

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



25.1466, 0.3352, 0.3001



33.1120, 0.2950, 0.3598

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.



25.1466, 0.2658, 0.3317



25.1466, 0.3352, 0.3001



25.1466, 0.3193, 0.3802

Square

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



25.1466, 0.3352, 0.3001



25.1466, 0.3693, 0.3717



25.1466, 0.2890, 0.3606



25.1466, 0.2586, 0.2846

Rectangle

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



25.1466, 0.3352, 0.3001



25.1466, 0.3718, 0.3409



25.1466, 0.2890, 0.3606



25.1466, 0.2570, 0.3123

Sweetspot

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



25.1477, 0.3352, 0.3001



59.7679, 0.3188, 0.3202



23.8698, 0.2943, 0.2707



12.9450, 0.3194, 0.3195



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.



25.1477, 0.3352, 0.3001



41.7725, 0.3415, 0.2935



24.6215, 0.3568, 0.3282



7.1438, 0.3208, 0.3175



6.5533, 0.4866, 0.2454



0.1472, 0.4124, 0.2046

Inverse Universe

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



25.1477, 0.3352, 0.3001



41.7725, 0.3415, 0.2935



33.7252, 0.2805, 0.3299



7.1438, 0.3208, 0.3175



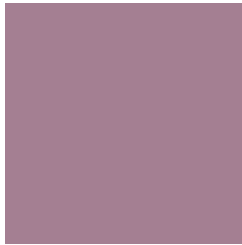
6.5533, 0.4866, 0.2454



0.1472, 0.4124, 0.2046

Previews

White Background



This preview shows how the Yxy color 25.1466, 0.3352, 0.3001 looks on a white background.

Color Contrast Check

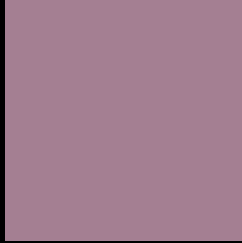
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1466, 0.3352, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

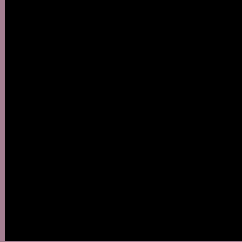
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1466, 0.3352, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 25.1466, 0.3352, 0.3001.



This preview shows how white text looks on a background with the Yxy color 25.1466, 0.3352, 0.3001.

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

25.1466, 0.3352, 0.3001

Protanopia

25.3926, 0.2967, 0.3042

Deuteranopia

25.3904, 0.3169, 0.3113



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

25.1466, 0.3352, 0.3001

Protanomaly

25.0881, 0.3096, 0.3016

Deuteranomaly

25.1470, 0.3240, 0.3069

Tritanomaly

25.1480, 0.3395, 0.3090

Monochromacy



Original Color

25.1466, 0.3352, 0.3001

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6705, 0.3211, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1466, 0.3352, 0.3001 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(164, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(164, 127, 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(164, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 127, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.1466, 0.3352, 0.3001 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(164, 127, 146) }
```

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

```
.border{ border-color:rgb(164, 127, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 127, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(164, 127,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1466, 0.3352, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 127, 146) }
```

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

```
.background{ background-color: rgb(164,  
127, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor