

Converting Colors

$Y_{xy}(24.9896, 0.3386, 0.3002)$

Have a look what the booklet for
Yxy(24.9896, 0.3386, 0.3002)
contains.

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Color

Yxy(25.0730, 0.3389, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	A67E91
RGB	166, 126, 145
RGB Percent	65%, 49%, 57%
CMY	0.3490, 0.5059, 0.4315
CMYK	0.00, 0.24, 0.13, 0.35
HSL	332°, 18%, 57%
HSV	332°, 24%, 65%
XYZ	28.2958, 25.0730, 30.1243
YIQ	140.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

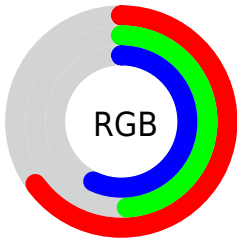
Format	Color
R_{YB}	166, 126, 145
Decimal	10911377
CIE _{Lab}	57.15, 18.57, -4.21
CIE _{LCh}	57, 19.044, 347.238
Yxy	25.0730, 0.3389, 0.3003
Android (android.graphics.Color)	4289101457 (0xFFA67E91)
YUV	140.1260, 2.4029, 22.6915
Hunter-Lab	50.0729, 13.2413, -0.6183

Details

The Yxy color $25.0730, 0.3389, 0.3003$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.8168, 0.2926, 0.3597$, and the grayscale version is $26.2625, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8933, 0.3336, 0.3061$, and $9.7114, 0.3485, 0.2903$ is the 20% darker color. If you saturate the color by 10%, you get $20.9159, 0.3536, 0.2878$, and if you desaturate by 10%, it is $29.9575, 0.3266, 0.3126$.

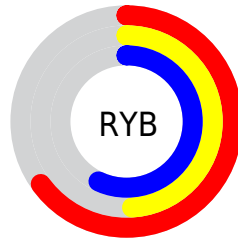
Distribution



Red (65%)

Green (49%)

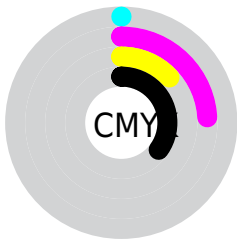
Blue (57%)



Red (65%)

Yellow (49%)

Blue (57%)

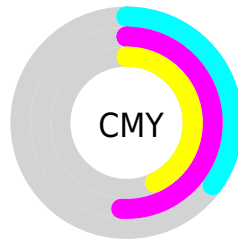


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0730, 0.3389, 0.3003 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 25.0730, 0.3389, 0.3003 by changing the saturation by 10% instead.


 25.0730, 0.3389,
0.3003


 25.0730, 0.3389,
0.3003


278.2013, 0.3246,
0.3158


 16.1315, 0.3429,
0.2960


 51.7756, 0.3334,
0.3063

 9.6172, 0.3484,
0.2901


 70.3055, 0.3314,
0.3084

 5.1459, 0.3564,
0.2818

 92.8003, 0.3298,
0.3102

 2.3331, 0.3688,
0.2689

119.6443, 0.3284,
0.3117

 0.7912, 0.3914,
0.2457

151.2220, 0.3273,
0.3129

 0.0000, 1.0000,
0.0000

187.9179, 0.3263,

 0.0000, 0.0000,

0.3140

0.0000

230.1161, 0.3254,
0.3150

■ 25.0730, 0.3389,
0.3003

■ 25.0730, 0.3389,
0.3003

■ 20.9159, 0.3536,
0.2878

■ 29.9575, 0.3266,
0.3126

■ 17.4477, 0.3709,
0.2755

■ 35.5987, 0.3164,
0.3244

■ 14.6313, 0.3911,
0.2644

■ 42.0287, 0.3079,
0.3354

■ 12.4248, 0.4138,
0.2553

■ 49.2764, 0.3009,
0.3457

■ 10.7814, 0.4386,
0.2495

■ 57.3694, 0.2951,
0.3552

■ 9.6473, 0.4645,
0.2481

■ 66.3339, 0.2903,
0.3638

■ 8.9581, 0.4901,
0.2519

■ 76.1951, 0.2864,
0.3718

■ 8.6675, 0.5051,
0.2556

■ 84.5232, 0.2828,
0.3751

■ 84.9835, 0.2784,
0.3647

Harmonies

Analogous

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



25.0730, 0.3057, 0.2823



25.0730, 0.3389, 0.3003



25.0730, 0.3659, 0.3253

Triad

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



25.0730, 0.3389, 0.3003



25.0730, 0.3486, 0.3872



25.0730, 0.2517, 0.3002

Complementary

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



25.0730, 0.3389, 0.3003



33.8168, 0.2926, 0.3597

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.



25.0730, 0.2619, 0.3293



25.0730, 0.3389, 0.3003



25.0730, 0.3170, 0.3822

Square

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



25.0730, 0.3389, 0.3003



25.0730, 0.3712, 0.3754



25.0730, 0.2854, 0.3603



25.0730, 0.2566, 0.2811

Rectangle

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



25.0730, 0.3389, 0.3003



25.0730, 0.3759, 0.3435



25.0730, 0.2854, 0.3603



25.0730, 0.2534, 0.3091

Sweetspot

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



25.0741, 0.3389, 0.3003



61.3486, 0.3193, 0.3209



23.8494, 0.2942, 0.2666



13.5970, 0.3198, 0.3202



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.



25.0741, 0.3389, 0.3003



41.2372, 0.3466, 0.2935



24.7083, 0.3613, 0.3302



7.5993, 0.3215, 0.3183



6.7304, 0.5030, 0.2545



0.1742, 0.4281, 0.2132

Inverse Universe

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



25.0741, 0.3389, 0.3003



41.2372, 0.3466, 0.2935



34.2206, 0.2779, 0.3279



7.5993, 0.3215, 0.3183



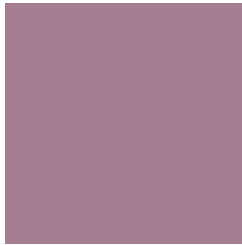
6.7304, 0.5030, 0.2545



0.1742, 0.4281, 0.2132

Previews

White Background



This preview shows how the Yxy color 25.0730, 0.3389, 0.3003 looks on a white background.

Color Contrast Check

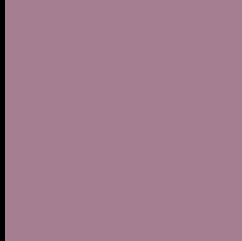
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0730, 0.3389, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

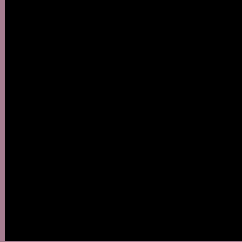
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0730, 0.3389, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 25.0730, 0.3389, 0.3003.



This preview shows how white text looks on a background with the Yxy color 25.0730, 0.3389, 0.3003.

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

25.0730, 0.3389, 0.3003

Protanopia

25.0769, 0.2977, 0.3042

Deuteranopia

25.0846, 0.3181, 0.3112



Tritanopia

24.9842, 0.3468, 0.3137

Trichromacy



Original Color

25.0730, 0.3389, 0.3003

Protanomaly

24.8755, 0.3118, 0.3017

Deuteranomaly

24.9474, 0.3264, 0.3069

Tritanomaly

25.0715, 0.3433, 0.3092

Monochromacy



Original Color

25.0730, 0.3389, 0.3003

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 25.0730, 0.3389, 0.3003 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(166, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(166, 126, 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(166, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 126, 145) }
```

Border

The CSS property to change the border of an element to Yxy 25.0730, 0.3389, 0.3003 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(166, 126, 145) }
```

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

```
.border{ border-color:rgb(166, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(166, 126,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0730, 0.3389, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 126, 145) }
```

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

```
.background{ background-color: rgb(166,  
126, 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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