

Converting Colors

$Y_{xy}(25.0308, 0.3367, 0.2983)$

Have a look what the booklet for
Yxy(25.0308, 0.3367, 0.2983)
contains.

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Color

Yxy(24.9964, 0.3365, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	A57E92
RGB	165, 126, 146
RGB Percent	65%, 49%, 57%
CMY	0.3531, 0.5058, 0.4275
CMYK	0.00, 0.24, 0.12, 0.35
HSL	329°, 18%, 57%
HSV	329°, 24%, 65%
XYZ	28.1597, 24.9964, 30.5279
YIQ	139.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

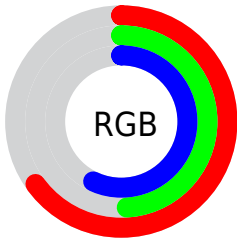
Format	Color
RYB	165, 126, 146
Decimal	10845842
CIELab	57.07, 18.36, -4.91
CIELCh	57, 19.005, 345.013
Yxy	24.9964, 0.3365, 0.2987
Android (android.graphics.Color)	4289035922 (0xFFA57E92)
YUV	139.9410, 2.9871, 21.9767
Hunter-Lab	49.9964, 13.0435, -1.2051

Details

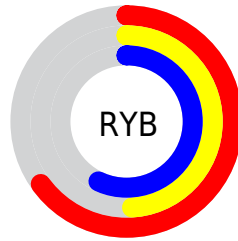
The Yxy color $24.9964, 0.3365, 0.2987$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.3792, 0.2942, 0.3615$, and the grayscale version is $26.1843, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6260, 0.3311, 0.3049$, and $9.6630, 0.3449, 0.2879$ is the 20% darker color. If you saturate the color by 10%, you get $20.8785, 0.3500, 0.2852$, and if you desaturate by 10%, it is $29.8299, 0.3252, 0.3119$.

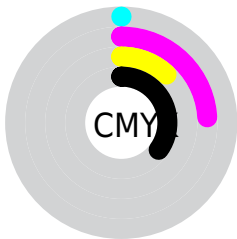
Distribution



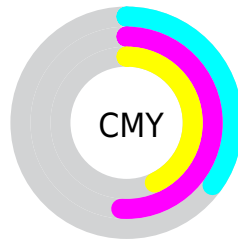
- Red (65%)
- Green (49%)
- Blue (57%)



- Red (65%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (35%)




- Cyan (35%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9964, 0.3365, 0.2987 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 24.9964, 0.3365, 0.2987 by changing the saturation by 10% instead.


 24.9964, 0.3365,
0.2987


 24.9964, 0.3365,
0.2987


277.8200, 0.3236,
0.3151


 16.0744, 0.3401,
0.2942


 51.6514, 0.3315,
0.3050

 9.5768, 0.3451,
0.2880


 70.1531, 0.3297,
0.3072

 5.1193, 0.3522,
0.2793

 92.6169, 0.3283,
0.3091

 2.3174, 0.3633,
0.2658

119.4271, 0.3270,
0.3107

 0.7829, 0.3836,
0.2415

150.9681, 0.3260,
0.3120

 0.0000, 1.0000,
0.0000

187.6243, 0.3250,

 0.0000, 0.0000,

0.3132

0.0000

229.7802, 0.3243,
0.3142

■ 24.9964, 0.3365,
0.2987

■ 24.9964, 0.3365,
0.2987

■ 20.8785, 0.3500,
0.2852

■ 29.8299, 0.3252,
0.3119

■ 17.4383, 0.3658,
0.2720

■ 35.4076, 0.3157,
0.3246

■ 14.6398, 0.3841,
0.2599

■ 41.7609, 0.3079,
0.3365

■ 12.4419, 0.4047,
0.2498

■ 48.9182, 0.3014,
0.3476

■ 10.7989, 0.4271,
0.2430

■ 56.9063, 0.2960,
0.3578

■ 9.6584, 0.4506,
0.2405

■ 65.7512, 0.2915,
0.3672

■ 8.9577, 0.4740,
0.2432

■ 75.4774, 0.2878,
0.3758

■ 8.6445, 0.4889,
0.2467

■ 84.1840, 0.2845,
0.3805

■ 84.5957, 0.2805,
0.3709

Harmonies

Analogous

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



24.9964, 0.3032, 0.2814



24.9964, 0.3365, 0.2987



24.9964, 0.3643, 0.3233

Triad

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



24.9964, 0.3365, 0.2987



24.9964, 0.3507, 0.3868



24.9964, 0.2520, 0.3021

Complementary

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



24.9964, 0.3365, 0.2987



33.3792, 0.2942, 0.3615

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.



24.9964, 0.2633, 0.3316



24.9964, 0.3365, 0.2987



24.9964, 0.3195, 0.3831

Square

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



24.9964, 0.3365, 0.2987



24.9964, 0.3723, 0.3739



24.9964, 0.2876, 0.3623



24.9964, 0.2558, 0.2821

Rectangle

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



24.9964, 0.3365, 0.2987



24.9964, 0.3751, 0.3415



24.9964, 0.2876, 0.3623



24.9964, 0.2541, 0.3112

Sweetspot

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



24.9975, 0.3365, 0.2987



59.7677, 0.3188, 0.3202



23.6480, 0.2932, 0.2677



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.



24.9975, 0.3365, 0.2987



41.0129, 0.3428, 0.2921



24.4464, 0.3595, 0.3281



7.1437, 0.3208, 0.3175



6.5529, 0.4867, 0.2455



0.1472, 0.4125, 0.2046

Inverse Universe

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



24.9975, 0.3365, 0.2987



41.0129, 0.3428, 0.2921



34.0266, 0.2791, 0.3299



7.1437, 0.3208, 0.3175



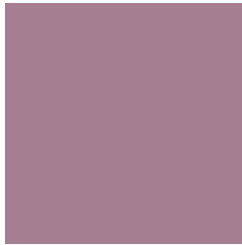
6.5529, 0.4867, 0.2455



0.1472, 0.4125, 0.2046

Previews

White Background



This preview shows how the Yxy color 24.9964, 0.3365, 0.2987 looks on a white background.

Color Contrast Check

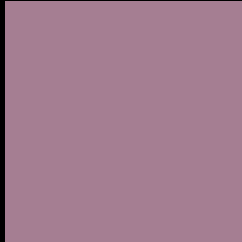
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9964, 0.3365, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

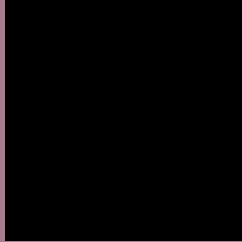
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9964, 0.3365, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 24.9964, 0.3365, 0.2987.



This preview shows how white text looks on a background with the Yxy color 24.9964, 0.3365, 0.2987.

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

24.9964, 0.3365, 0.2987

Protanopia

25.0262, 0.2957, 0.3025

Deuteranopia

25.0224, 0.3159, 0.3096



Tritanopia

24.8774, 0.3456, 0.3137

Trichromacy



Original Color

24.9964, 0.3365, 0.2987

Protanomaly

24.8155, 0.3096, 0.3000

Deuteranomaly

24.8796, 0.3242, 0.3053

Tritanomaly

24.9647, 0.3421, 0.3091

Monochromacy



Original Color

24.9964, 0.3365, 0.2987

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 24.9964, 0.3365, 0.2987 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(165, 126, 146)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 126, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 126, 146) }
```

Border

The CSS property to change the border of an element to Yxy 24.9964, 0.3365, 0.2987 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(165, 126, 146) }
```

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

```
.border{ border-color:rgb(165, 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(165, 126, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 126, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 126, 146);  
box-shadow:4px 4px 4px 4px rgb(165, 126,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9964, 0.3365, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 126, 146) }
```

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

```
.background{ background-color: rgb(165,  
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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