

Converting Colors

$Y_{xy}(25.5639, 0.3423, 0.2987)$

Have a look what the booklet for
Yxy(25.5639, 0.3423, 0.2987)
contains.

Yxy(25.5431, 0.3424, 0.2993)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5431, 0.3424, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	AA7E92
RGB	170, 126, 146
RGB Percent	67%, 49%, 57%
CMY	0.3334, 0.5058, 0.4275
CMYK	0.00, 0.26, 0.14, 0.33
HSL	333°, 21%, 58%
HSV	333°, 26%, 67%
XYZ	29.2214, 25.5431, 30.5783
YIQ	141.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

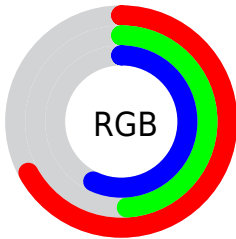
Format	Color
R _Y B	170, 126, 146
Decimal	11173522
CIE Lab	57.60, 20.22, -4.07
CIE LCh	58, 20.623, 348.604
Yxy	25.5431, 0.3424, 0.2993
Android (android.graphics.Color)	4289363602 (0xFFAA7E92)
YUV	141.4360, 2.2501, 25.0506
Hunter-Lab	50.5402, 14.7600, -0.4941

Details

The Yxy color $25.5431, 0.3424, 0.2993$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.3785, 0.2905, 0.3608$, and the grayscale version is $26.8012, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5791, 0.3362, 0.3053$, and $9.9342, 0.3520, 0.2889$ is the 20% darker color. If you saturate the color by 10%, you get $21.2826, 0.3582, 0.2873$, and if you desaturate by 10%, it is $30.5679, 0.3292, 0.3112$.

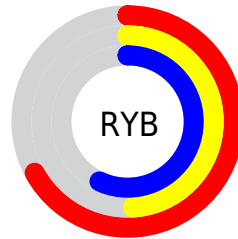
Distribution



Red (67%)

Green (49%)

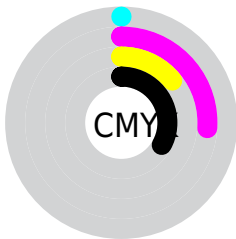
Blue (57%)



Red (67%)

Yellow (49%)

Blue (57%)

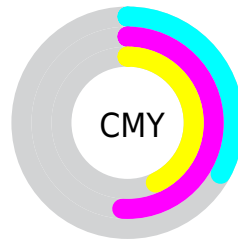


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5431, 0.3424, 0.2993 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 25.5431, 0.3424, 0.2993 by changing the saturation by 10% instead.


 25.5431, 0.3424,
0.2993


 25.5431, 0.3424,
0.2993


280.5319, 0.3262,
0.3153


 16.4821, 0.3469,
0.2949


 52.5369, 0.3362,
0.3054

 9.8660, 0.3531,
0.2889


 71.2386, 0.3339,
0.3076

 5.3102, 0.3620,
0.2803

 93.9226, 0.3321,
0.3095

 2.4304, 0.3759,
0.2673

120.9734, 0.3306,
0.3110

 0.8415, 0.4007,
0.2445

152.7753, 0.3292,
0.3123

 0.0000, 1.0000,
0.0000

189.7128, 0.3281,

 0.0000, 0.0000,

0.3135

0.0000

232.1702, 0.3271,
0.3145

■ 25.5431, 0.3424,
0.2993

■ 25.5431, 0.3424,
0.2993

■ 21.2826, 0.3582,
0.2873

■ 30.5679, 0.3292,
0.3112

■ 17.7451, 0.3768,
0.2756

■ 36.3888, 0.3182,
0.3226

■ 14.8905, 0.3984,
0.2652

■ 43.0400, 0.3092,
0.3334

■ 12.6737, 0.4227,
0.2571

■ 50.5524, 0.3017,
0.3433

■ 11.0436, 0.4491,
0.2525

■ 58.9558, 0.2955,
0.3525

■ 9.9416, 0.4764,
0.2525

■ 68.2781, 0.2904,
0.3610

■ 9.2907, 0.5029,
0.2577

■ 78.5462, 0.2862,
0.3687

■ 9.0819, 0.5139,
0.2604

■ 85.2405, 0.2821,
0.3684

■ 85.7463, 0.2775,
0.3576

Harmonies

Analogous

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



25.5431, 0.3067, 0.2797



25.5431, 0.3424, 0.2993



25.5431, 0.3710, 0.3262

Triad

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



25.5431, 0.3424, 0.2993



25.5431, 0.3498, 0.3919



25.5431, 0.2472, 0.2967

Complementary

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



25.5431, 0.3424, 0.2993



35.3785, 0.2905, 0.3608

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.



25.5431, 0.2573, 0.3276



25.5431, 0.3424, 0.2993



25.5431, 0.3156, 0.3858

Square

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



25.5431, 0.3424, 0.2993



25.5431, 0.3749, 0.3796



25.5431, 0.2819, 0.3614



25.5431, 0.2532, 0.2769

Rectangle

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



25.5431, 0.3424, 0.2993



25.5431, 0.3812, 0.3457



25.5431, 0.2819, 0.3614



25.5431, 0.2488, 0.3060

Sweetspot

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



25.5443, 0.3424, 0.2993



63.5019, 0.3206, 0.3201



24.2606, 0.2933, 0.2616



13.8036, 0.3221, 0.3184



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5443, 0.3424, 0.2993



41.7875, 0.3511, 0.2924



25.3537, 0.3659, 0.3314



7.5969, 0.3217, 0.3188



6.6941, 0.5113, 0.2590



0.1733, 0.4333, 0.2160

Inverse Universe

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



25.5443, 0.3424, 0.2993



41.7875, 0.3511, 0.2924



35.5314, 0.2754, 0.3266



7.5969, 0.3217, 0.3188



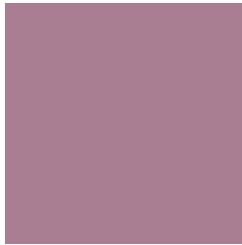
6.6941, 0.5113, 0.2590



0.1733, 0.4333, 0.2160

Previews

White Background



This preview shows how the Yxy color 25.5431, 0.3424, 0.2993 looks on a white background.

Color Contrast Check

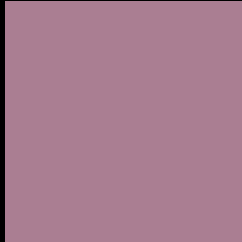
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5431, 0.3424, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

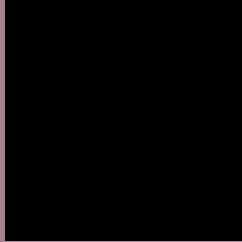
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5431, 0.3424, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 25.5431, 0.3424, 0.2993.



This preview shows how white text looks on a background with the Yxy color 25.5431, 0.3424, 0.2993.

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

25.5431, 0.3424, 0.2993

Protanopia

25.7952, 0.2968, 0.3044

Deuteranopia

25.4534, 0.3191, 0.3129



Tritanopia

25.4199, 0.3516, 0.3140

Trichromacy



Original Color

25.5431, 0.3424, 0.2993

Protanomaly

25.6418, 0.3128, 0.3035

Deuteranomaly

25.4450, 0.3275, 0.3071

Tritanomaly

25.5072, 0.3481, 0.3095

Monochromacy



Original Color

25.5431, 0.3424, 0.2993

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2669, 0.3233, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5431, 0.3424, 0.2993 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(170, 126, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 126, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 146) }
```

Border

The CSS property to change the border of an element to Yxy 25.5431, 0.3424, 0.2993 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(170, 126, 146) }
```

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

```
.border{ border-color:rgb(170, 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(170, 126, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 146);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5431, 0.3424, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 146) }
```

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

```
.background{ background-color: rgb(170,  
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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