

Converting Colors

$Y_{xy}(24.8124, 0.3484, 0.3072)$

Have a look what the booklet for
Yxy(24.8124, 0.3484, 0.3072)
contains.

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Color

Yxy(24.8561, 0.3486, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	A87D8B
RGB	168, 125, 139
RGB Percent	66%, 49%, 55%
CMY	0.3411, 0.5098, 0.4550
CMYK	0.00, 0.26, 0.17, 0.34
HSL	341°, 20%, 57%
HSV	341°, 26%, 66%
XYZ	28.1417, 24.8561, 27.7300
YIQ	139.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

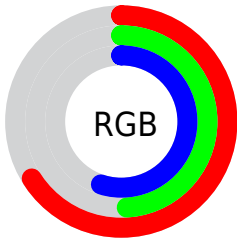
Format	Color
R_{YB}	168, 125, 139
Decimal	11042187
CIE Lab	56.93, 18.88, -1.02
CIE LCh	57, 18.906, 356.898
Yxy	24.8561, 0.3486, 0.3079
Android (android.graphics.Color)	4289232267 (0xFFA87D8B)
YUV	139.4530, -0.2233, 25.0357
Hunter-Lab	49.8559, 13.5085, 1.9218

Details

The Yxy color $24.8561, 0.3486, 0.3079$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.7027, 0.2864, 0.3513$, and the grayscale version is $25.9975, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4939, 0.3415, 0.3130$, and $9.5350, 0.3617, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $20.6425, 0.3683, 0.2992$, and if you desaturate by 10%, it is $29.8259, 0.3324, 0.3165$.

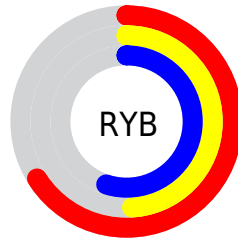
Distribution



Red (66%)

Green (49%)

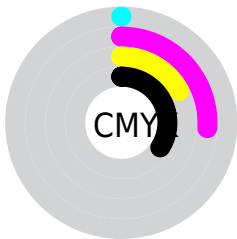
Blue (55%)



Red (66%)

Yellow (49%)

Blue (55%)

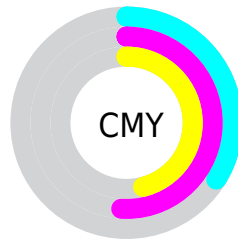


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (34%)



Cyan (34%)


Magenta (51%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8561, 0.3486, 0.3079 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 24.8561, 0.3486, 0.3079 by changing the saturation by 10% instead.


 24.8561, 0.3486,
0.3079

 24.8561, 0.3486,
0.3079


277.1206, 0.3288,
0.3195


 15.9699, 0.3543,
0.3046


 51.4237, 0.3409,
0.3124

 9.5028, 0.3620,
0.3001

 69.8738, 0.3382,
0.3140

 5.0706, 0.3734,
0.2935

 92.2807, 0.3359,
0.3153

 2.2887, 0.3915,
0.2832

119.0288, 0.3340,
0.3164

 0.7677, 0.4255,
0.2633

150.5024, 0.3324,
0.3174

 0.0000, 1.0000,
0.0000

187.0860, 0.3311,

 0.0000, 0.0000,

0.3182

0.0000

229.1639, 0.3299,
0.3189

■ 24.8561, 0.3486,
0.3079

■ 24.8561, 0.3486,
0.3079

■ 20.6425, 0.3683,
0.2992

■ 29.8259, 0.3324,
0.3165

■ 17.1445, 0.3918,
0.2909

■ 35.5831, 0.3191,
0.3247

■ 14.3227, 0.4195,
0.2836

■ 42.1613, 0.3082,
0.3323

■ 12.1327, 0.4509,
0.2783

■ 49.5912, 0.2993,
0.3394

■ 10.5247, 0.4850,
0.2763

■ 57.9018, 0.2920,
0.3458

■ 9.4410, 0.5197,
0.2785

■ 67.1209, 0.2859,
0.3518

■ 8.8080, 0.5520,
0.2854

■ 77.2749, 0.2810,
0.3572

■ 8.5974, 0.5655,
0.2889

■ 85.5430, 0.2764,
0.3574

■ 86.2002, 0.2708,
0.3443

Harmonies

Analogous

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



24.8561, 0.3164, 0.2873



24.8561, 0.3486, 0.3079



24.8561, 0.3714, 0.3341

Triad

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



24.8561, 0.3486, 0.3079



24.8561, 0.3389, 0.3873



24.8561, 0.2519, 0.2929

Complementary

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



24.8561, 0.3486, 0.3079



34.7027, 0.2864, 0.3513

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.



24.8561, 0.2572, 0.3193



24.8561, 0.3486, 0.3079



24.8561, 0.3065, 0.3765

Square

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



24.8561, 0.3486, 0.3079



24.8561, 0.3652, 0.3805



24.8561, 0.2768, 0.3507



24.8561, 0.2616, 0.2780

Rectangle

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



24.8561, 0.3486, 0.3079



24.8561, 0.3776, 0.3520



24.8561, 0.2768, 0.3507



24.8561, 0.2519, 0.3006

Sweetspot

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



24.8572, 0.3486, 0.3079



61.7606, 0.3222, 0.3226



24.3337, 0.2998, 0.2637



13.1209, 0.3241, 0.3214



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.



24.8572, 0.3486, 0.3079



40.3747, 0.3599, 0.3027



26.3555, 0.3630, 0.3401



7.5810, 0.3237, 0.3217



6.5003, 0.5629, 0.2874



0.1675, 0.4720, 0.2374

Inverse Universe

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



24.8572, 0.3486, 0.3079



40.3747, 0.3599, 0.3027



32.6216, 0.2749, 0.3176



7.5810, 0.3237, 0.3217



6.5003, 0.5629, 0.2874



0.1675, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 24.8561, 0.3486, 0.3079 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 24.8561, 0.3486, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

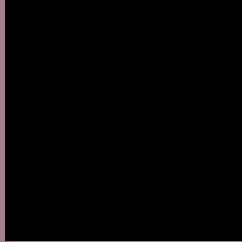
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8561, 0.3486, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 24.8561, 0.3486, 0.3079.



This preview shows how white text looks on a background with the Yxy color 24.8561, 0.3486, 0.3079.

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

24.8561, 0.3486, 0.3079

Protanopia

25.0020, 0.3037, 0.3123

Deuteranopia

25.0941, 0.3268, 0.3209



Tritanopia

24.9958, 0.3531, 0.3154

Trichromacy



Original Color

24.8561, 0.3486, 0.3079

Protanomaly

24.7816, 0.3192, 0.3112

Deuteranomaly

24.9683, 0.3355, 0.3164

Tritanomaly

25.0241, 0.3519, 0.3139

Monochromacy



Original Color

24.8561, 0.3486, 0.3079

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3983, 0.3256, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8561, 0.3486, 0.3079 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(168, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 139)  
}
```

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(168, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 139) }
```

Border

The CSS property to change the border of an element to Yxy 24.8561, 0.3486, 0.3079 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(168, 125, 139) }
```

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

```
.border{ border-color:rgb(168, 125, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8561, 0.3486, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 139) }
```

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

```
.background{ background-color: rgb(168,  
125, 139) }
```

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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