

Converting Colors

$Y_{xy}(24.9824, 0.3506, 0.3244)$

Have a look what the booklet for
Yxy(24.9824, 0.3506, 0.3244)
contains.

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Color

Yxy(24.8636, 0.3513, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	A38083
RGB	163, 128, 131
RGB Percent	64%, 50%, 51%
CMY	0.3607, 0.4981, 0.4862
CMYK	0.00, 0.21, 0.20, 0.36
HSL	355°, 16%, 57%
HSV	355°, 21%, 64%
XYZ	26.9253, 24.8636, 24.8559
YIQ	138.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

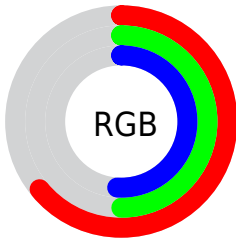
Format	Color
R_{YB}	163, 128, 131
Decimal	10715267
CIE _{Lab}	56.94, 13.97, 3.53
CIE _{LCh}	57, 14.413, 14.177
Yxy	24.8636, 0.3513, 0.3244
Android (android.graphics.Color)	4288905347 (0xFFA38083)
YUV	138.8070, -3.8489, 21.2173
Hunter-Lab	49.8634, 9.1258, 5.3495

Details

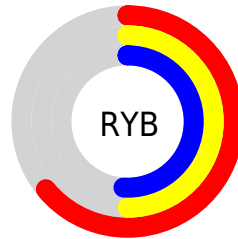
The Yxy color $24.8636, 0.3513, 0.3244$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.3325, 0.2838, 0.3337$, and the grayscale version is $25.7515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4139, 0.3425, 0.3256$, and $9.5807, 0.3660, 0.3224$ is the 20% darker color. If you saturate the color by 10%, you get $20.5729, 0.3763, 0.3221$, and if you desaturate by 10%, it is $29.8980, 0.3311, 0.3266$.

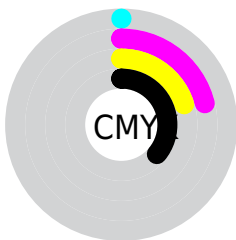
Distribution



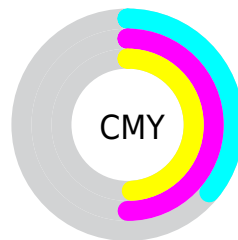
- Red (64%)
- Green (50%)
- Blue (51%)



- Red (64%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8636, 0.3513, 0.3244 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 24.8636, 0.3513, 0.3244 by changing the saturation by 10% instead.


 24.8636, 0.3513,
0.3244


 24.8636, 0.3513,
0.3244


277.1580, 0.3299,
0.3272


 15.9755, 0.3575,
0.3235


 51.4359, 0.3429,
0.3255

 9.5068, 0.3661,
0.3222


 69.8888, 0.3400,
0.3259

 5.0732, 0.3786,
0.3202

 92.2987, 0.3375,
0.3262

 2.2903, 0.3989,
0.3167

119.0501, 0.3355,
0.3265

 0.7686, 0.4459,
0.3135

150.5273, 0.3338,
0.3267

 0.0000, 1.0000,
0.0000


187.1148, 0.3323,


 0.0000, 0.0000,


0.3269


0.0000

229.1969, 0.3310,
0.3270


 24.8636, 0.3513,
0.3244


 24.8636, 0.3513,
0.3244


 20.5729, 0.3763,
0.3221


 29.8980, 0.3311,
0.3266


 16.9875, 0.4068,
0.3200


 35.7054, 0.3149,
0.3287


 14.0705, 0.4433,
0.3181


 42.3176, 0.3017,
0.3306


 11.7806, 0.4851,
0.3170


 49.7639, 0.2911,
0.3324

 10.0718, 0.5298,
0.3170

 58.0717, 0.2825,
0.3340

 8.8916, 0.5729,
0.3186

 67.2676, 0.2754,
0.3354

 8.1782, 0.6081,
0.3217

 77.3767, 0.2695,
0.3367

 7.8217, 0.6293,
0.3240

 86.2244, 0.2641,
0.3342

 86.5298, 0.2619,
0.3289

Harmonies

Analogous

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



24.8636, 0.3302, 0.3053



24.8636, 0.3513, 0.3244



24.8636, 0.3617, 0.3454

Triad

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



24.8636, 0.3513, 0.3244



24.8636, 0.3189, 0.3698



24.8636, 0.2688, 0.2936

Complementary

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



24.8636, 0.3513, 0.3244



33.3325, 0.2838, 0.3337

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.



24.8636, 0.2661, 0.3095



24.8636, 0.3513, 0.3244



24.8636, 0.2944, 0.3546

Square

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



24.8636, 0.3513, 0.3244



24.8636, 0.3424, 0.3726



24.8636, 0.2753, 0.3320



24.8636, 0.2827, 0.2876

Rectangle

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



24.8636, 0.3513, 0.3244



24.8636, 0.3610, 0.3579



24.8636, 0.2753, 0.3320



24.8636, 0.2666, 0.2979

Sweetspot

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



24.8647, 0.3513, 0.3244



58.9416, 0.3219, 0.3278



25.5064, 0.3113, 0.2763



13.0953, 0.3229, 0.3276



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.



24.8647, 0.3513, 0.3244



40.5170, 0.3631, 0.3233



28.6962, 0.3505, 0.3507



7.0954, 0.3272, 0.3271



6.0794, 0.6280, 0.3233



0.1305, 0.5777, 0.2956

Inverse Universe

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



24.8647, 0.3513, 0.3244



40.5170, 0.3631, 0.3233



28.7336, 0.2799, 0.3062



7.0954, 0.3272, 0.3271



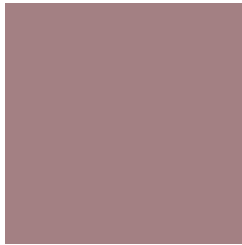
6.0794, 0.6280, 0.3233



0.1305, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 24.8636, 0.3513, 0.3244 looks on a white background.

Color Contrast Check

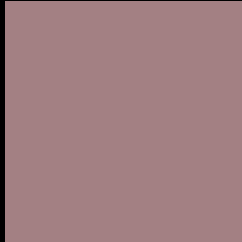
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8636, 0.3513, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

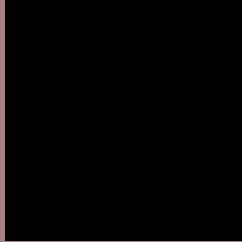
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8636, 0.3513, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 24.8636, 0.3513, 0.3244.



This preview shows how white text looks on a background with the Yxy color 24.8636, 0.3513, 0.3244.

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

24.8636, 0.3513, 0.3244

Protanopia

24.9613, 0.3172, 0.3290

Deuteranopia

24.8865, 0.3394, 0.3323



Tritanopia

24.8774, 0.3456, 0.3137

Trichromacy



Original Color

24.8636, 0.3513, 0.3244

Protanomaly

24.7922, 0.3289, 0.3274

Deuteranomaly

25.0124, 0.3444, 0.3307

Tritanomaly

24.8205, 0.3480, 0.3167

Monochromacy



Original Color

24.8636, 0.3513, 0.3244

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4014, 0.3264, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8636, 0.3513, 0.3244 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(163, 128, 131)` looks like.

```
.text, #text, p{  
  color:rgb(163, 128, 131)  
}
```

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(163, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 128, 131) }
```

Border

The CSS property to change the border of an element to Yxy 24.8636, 0.3513, 0.3244 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(163, 128, 131) }
```

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

```
.border{ border-color:rgb(163, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 128, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 128, 131);  
box-shadow:4px 4px 4px 4px rgb(163, 128,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8636, 0.3513, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 128, 131) }
```

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

```
.background{ background-color: rgb(163,  
128, 131) }
```

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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