

Converting Colors

$Y_{xy}(23.6056, 0.3524, 0.3100)$

Have a look what the booklet for
Yxy(23.6056, 0.3524, 0.3100)
contains.

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Color

Yxy(23.6396, 0.3518, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	A57A86
RGB	165, 122, 134
RGB Percent	65%, 48%, 53%
CMY	0.3528, 0.5216, 0.4745
CMYK	0.00, 0.26, 0.19, 0.35
HSL	343°, 19%, 56%
HSV	343°, 26%, 65%
XYZ	26.7839, 23.6396, 25.7104
YIQ	136.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

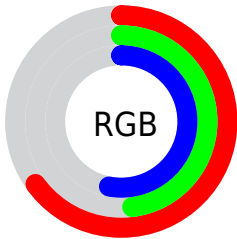
Format	Color
R_{YB}	165, 122, 134
Decimal	10844806
CIE _{Lab}	55.73, 18.64, 0.05
CIE _{LCh}	56, 18.645, 0.143
Yxy	23.6396, 0.3518, 0.3105
Android (android.graphics.Color)	4289034886 (0xFFA57A86)
YUV	136.2250, -1.0969, 25.2357
Hunter-Lab	48.6206, 13.2455, 2.6820

Details

The Yxy color $23.6396, 0.3518, 0.3105$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.3557, 0.2845, 0.3484$, and the grayscale version is $24.7085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.6200, 0.3437, 0.3151$, and $8.8499, 0.3671, 0.3047$ is the 20% darker color. If you saturate the color by 10%, you get $19.6133, 0.3730, 0.3030$, and if you desaturate by 10%, it is $28.3935, 0.3343, 0.3179$.

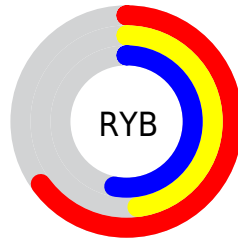
Distribution



Red (65%)

Green (48%)

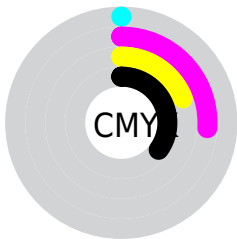
Blue (53%)



Red (65%)

Yellow (48%)

Blue (53%)

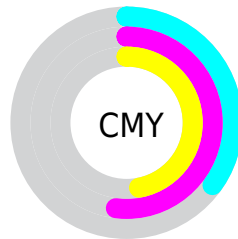


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6396, 0.3518, 0.3105 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 23.6396, 0.3518, 0.3105 by changing the saturation by 10% instead.


 23.6396, 0.3518,
0.3105


 23.6396, 0.3518,
0.3105


270.9933, 0.3301,
0.3208

 15.0665, 0.3581,
0.3075


 49.4414, 0.3433,
0.3145

 8.8661, 0.3669,
0.3033


 67.4390, 0.3403,
0.3160

 4.6539, 0.3798,
0.2972

 89.3467, 0.3378,
0.3171

 2.0457, 0.4007,
0.2873

115.5492, 0.3357,
0.3181

 0.6338, 0.4491,
0.2644

146.4306, 0.3340,
0.3189

 0.0000, 1.0000,
0.0000

182.3756, 0.3325,

 0.0000, 0.0000,

0.3197

0.0000

223.7683, 0.3312,
0.3203

■ 23.6396, 0.3518,
0.3105

■ 23.6396, 0.3518,
0.3105

■ 19.6133, 0.3730,
0.3030

■ 28.3935, 0.3343,
0.3179

■ 16.2754, 0.3986,
0.2959

■ 33.9052, 0.3201,
0.3249

■ 13.5878, 0.4285,
0.2898

■ 40.2073, 0.3084,
0.3315

■ 11.5077, 0.4626,
0.2857

■ 47.3292, 0.2989,
0.3376

■ 9.9866, 0.4993,
0.2846

■ 55.2991, 0.2911,
0.3432

■ 8.9689, 0.5360,
0.2876

■ 64.1436, 0.2847,
0.3482

■ 8.3794, 0.5692,
0.2947

■ 73.8885, 0.2794,
0.3529

■ 8.1999, 0.5814,
0.2976

■ 84.5580, 0.2750,
0.3571

■ 85.8752, 0.2694,
0.3444

Harmonies

Analogous

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



23.6396, 0.3201, 0.2890



23.6396, 0.3518, 0.3105



23.6396, 0.3731, 0.3371

Triad

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



23.6396, 0.3518, 0.3105



23.6396, 0.3356, 0.3872



23.6396, 0.2520, 0.2906

Complementary

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



23.6396, 0.3518, 0.3105



33.3557, 0.2845, 0.3484

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.



23.6396, 0.2558, 0.3160



23.6396, 0.3518, 0.3105



23.6396, 0.3029, 0.3744

Square

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



23.6396, 0.3518, 0.3105



23.6396, 0.3630, 0.3821



23.6396, 0.2740, 0.3474



23.6396, 0.2634, 0.2770

Rectangle

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



23.6396, 0.3518, 0.3105



23.6396, 0.3779, 0.3549



23.6396, 0.2740, 0.3474



23.6396, 0.2516, 0.2979

Sweetspot

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



23.6407, 0.3518, 0.3105



58.5451, 0.3228, 0.3235



23.3906, 0.3019, 0.2629



12.4773, 0.3248, 0.3225



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.



23.6407, 0.3518, 0.3105



38.2088, 0.3630, 0.3064



25.7244, 0.3633, 0.3436



7.1170, 0.3243, 0.3227



6.2090, 0.5788, 0.2962



0.1381, 0.4828, 0.2433

Inverse Universe

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



23.6407, 0.3518, 0.3105



38.2088, 0.3630, 0.3064



30.5309, 0.2740, 0.3138



7.1170, 0.3243, 0.3227



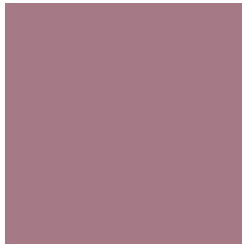
6.2090, 0.5788, 0.2962



0.1381, 0.4828, 0.2433

Previews

White Background



This preview shows how the Yxy color 23.6396, 0.3518, 0.3105 looks on a white background.

Color Contrast Check

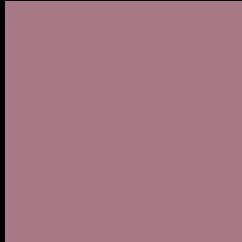
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6396, 0.3518, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

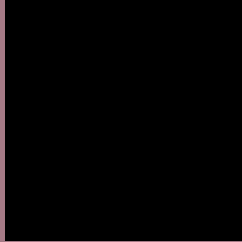
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6396, 0.3518, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 23.6396, 0.3518, 0.3105.



This preview shows how white text looks on a background with the Yxy color 23.6396, 0.3518, 0.3105.

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

23.6396, 0.3518, 0.3105

Protanopia

23.7368, 0.3066, 0.3170

Deuteranopia

23.5970, 0.3295, 0.3224



Tritanopia

23.5843, 0.3543, 0.3136

Trichromacy



Original Color

23.6396, 0.3518, 0.3105

Protanomaly

23.5552, 0.3216, 0.3141

Deuteranomaly

23.4852, 0.3385, 0.3178

Tritanomaly

23.6119, 0.3530, 0.3121

Monochromacy



Original Color

23.6396, 0.3518, 0.3105

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1849, 0.3269, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6396, 0.3518, 0.3105 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, 122, 134)` looks like.

```
.text, #text, p{  
    color:rgb(165, 122, 134)  
}
```

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, 122, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 122, 134) }
```

Border

The CSS property to change the border of an element to Yxy 23.6396, 0.3518, 0.3105 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, 122, 134) }
```

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

```
.border{ border-color:rgb(165, 122, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 122, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 122, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 122, 134);  
box-shadow:4px 4px 4px 4px rgb(165, 122,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6396, 0.3518, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 122, 134) }
```

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

```
.background{ background-color: rgb(165,  
122, 134) }
```

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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