

Converting Colors

$Yxy(23.5544, 0.3541, 0.3156)$

Have a look what the booklet for
Yxy(23.5544, 0.3541, 0.3156)
contains.

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Color

Yxy(23.4503, 0.3543, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	A47A83
RGB	164, 122, 131
RGB Percent	64%, 48%, 51%
CMY	0.3568, 0.5216, 0.4863
CMYK	0.00, 0.26, 0.20, 0.36
HSL	347°, 19%, 56%
HSV	347°, 26%, 64%
XYZ	26.3676, 23.4503, 24.6038
YIQ	135.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

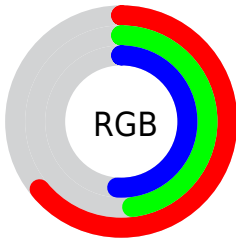
Format	Color
RYB	164, 122, 131
Decimal	10779267
CIELab	55.53, 17.76, 1.52
CIELCh	56, 17.829, 4.875
Yxy	23.4503, 0.3543, 0.3151
Android (android.graphics.Color)	4288969347 (0xFFA47A83)
YUV	135.5840, -2.2599, 24.9208
Hunter-Lab	48.4255, 12.4484, 3.7740

Details

The Yxy color **23.4503, 0.3543, 0.3151** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.0617, 0.2828, 0.3435**, and the grayscale version is **24.4600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3363, 0.3454, 0.3185**, and **8.7538, 0.3692, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **19.4297, 0.3774, 0.3094**, and if you desaturate by 10%, it is **28.1963, 0.3354, 0.3208**.

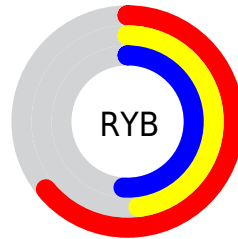
Distribution



Red (64%)

Green (48%)

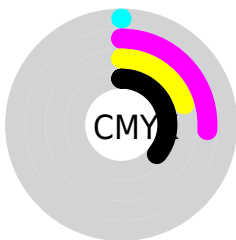
Blue (51%)



Red (64%)

Yellow (48%)

Blue (51%)

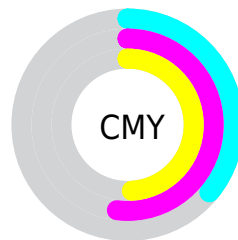


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (36%)



Cyan (36%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4503, 0.3543, 0.3151 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 23.4503, 0.3543, 0.3151 by changing the saturation by 10% instead.


 23.4503, 0.3543,
0.3151

 23.4503, 0.3543,
0.3151

270.0295, 0.3311,
0.3230

 14.9264, 0.3611,
0.3128


 49.1317, 0.3452,
0.3182

 8.7677, 0.3705,
0.3095


 67.0579, 0.3420,
0.3193

 4.5900, 0.3845,
0.3045

 88.8870, 0.3393,
0.3202

 2.0088, 0.4072,
0.2964

115.0033, 0.3371,
0.3209

 0.6126, 0.4670,
0.2782

145.7914, 0.3353,
0.3216

 0.0000, 0.0000,
0.0000

181.6355, 0.3337,

0.3221

222.9201, 0.3323,
0.3226

■ 23.4503, 0.3543,
0.3151

■ 23.4503, 0.3543,
0.3151

■ 19.4297, 0.3774,
0.3094

■ 28.1963, 0.3354,
0.3208

■ 16.0956, 0.4053,
0.3040

■ 33.6977, 0.3200,
0.3261

■ 13.4104, 0.4382,
0.2994


■ 39.9868, 0.3076,
0.3311

■ 11.3313, 0.4756,
0.2966


■ 47.0930, 0.2974,
0.3358

■ 9.8107, 0.5156,
0.2963


■ 55.0440, 0.2891,
0.3400


 8.7935, 0.5547,
0.2995


 63.8666, 0.2823,
0.3438

 8.2084, 0.5886,
0.3061

 73.5862, 0.2767,
0.3473

 8.0160, 0.6017,
0.3089

 84.2269, 0.2720,
0.3504

 86.1314, 0.2661,
0.3377

Harmonies

Analogous

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



23.4503, 0.3249, 0.2933



23.4503, 0.3543, 0.3151



23.4503, 0.3724, 0.3410

Triad

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



23.4503, 0.3543, 0.3151



23.4503, 0.3299, 0.3839



23.4503, 0.2552, 0.2893

Complementary

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



23.4503, 0.3543, 0.3151



33.0617, 0.2828, 0.3435

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.



23.4503, 0.2565, 0.3122



23.4503, 0.3543, 0.3151



23.4503, 0.2986, 0.3691

Square

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



23.4503, 0.3543, 0.3151



23.4503, 0.3575, 0.3818



23.4503, 0.2720, 0.3419



23.4503, 0.2683, 0.2782

Rectangle

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



23.4503, 0.3543, 0.3151



23.4503, 0.3751, 0.3578



23.4503, 0.2720, 0.3419



23.4503, 0.2540, 0.2957

Sweetspot

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



23.4514, 0.3543, 0.3151



58.4921, 0.3236, 0.3248



23.5597, 0.3053, 0.2648



12.4638, 0.3258, 0.3240



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.



23.4514, 0.3543, 0.3151



38.0514, 0.3675, 0.3117



26.3230, 0.3611, 0.3477



7.1096, 0.3253, 0.3242



6.1510, 0.5995, 0.3076



0.1355, 0.5099, 0.2582

Inverse Universe

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



23.4514, 0.3543, 0.3151



38.0514, 0.3675, 0.3117



29.3110, 0.2743, 0.3095



7.1096, 0.3253, 0.3242



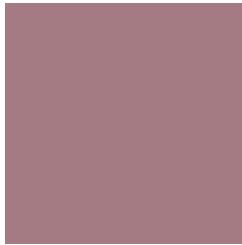
6.1510, 0.5995, 0.3076



0.1355, 0.5099, 0.2582

Previews

White Background



This preview shows how the Yxy color 23.4503, 0.3543, 0.3151 looks on a white background.

Color Contrast Check

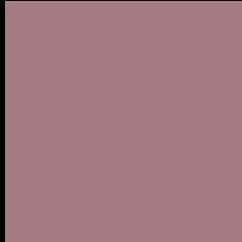
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4503, 0.3543, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

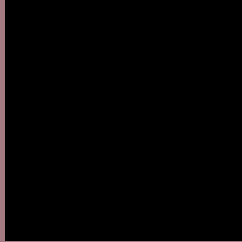
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4503, 0.3543, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 23.4503, 0.3543, 0.3151.



This preview shows how white text looks on a background with the Yxy color 23.4503, 0.3543, 0.3151.

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

23.4503, 0.3543, 0.3151

Protanopia

23.7321, 0.3108, 0.3222

Deuteranopia

23.5153, 0.3329, 0.3274



Tritanopia

23.4503, 0.3543, 0.3151

Trichromacy



Original Color

23.4503, 0.3543, 0.3151

Protanomaly

23.5608, 0.3261, 0.3191

Deuteranomaly

23.3057, 0.3408, 0.3226

Tritanomaly

23.4503, 0.3543, 0.3151

Monochromacy



Original Color

23.4503, 0.3543, 0.3151

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0648, 0.3269, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4503, 0.3543, 0.3151 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(164, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 122, 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(164, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 122, 131) }
```

Border

The CSS property to change the border of an element to Yxy 23.4503, 0.3543, 0.3151 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(164, 122, 131) }
```

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

```
.border{ border-color:rgb(164, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 122,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4503, 0.3543, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 122, 131) }
```

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

```
.background{ background-color: rgb(164,  
122, 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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