

Converting Colors

$Y_{xy}(23.9566, 0.3578, 0.3323)$

Have a look what the booklet for
Yxy(23.9566, 0.3578, 0.3323)
contains.

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Color

Yxy(23.9540, 0.3579, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	A17E7C
RGB	161, 126, 124
RGB Percent	63%, 49%, 49%
CMY	0.3686, 0.5059, 0.5137
CMYK	0.00, 0.22, 0.23, 0.37
HSL	3°, 16%, 56%
HSV	3°, 23%, 63%
XYZ	25.7994, 23.9540, 22.3321
YIQ	136.2370, 21.5020, 6.7980

Conversions

Conversions Part 2

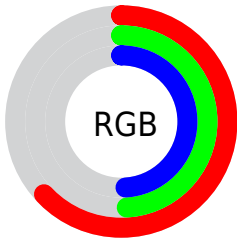
Format	Color
R_{YB}	161, 126, 124
Decimal	10583676
CIE _{Lab}	56.04, 13.21, 6.26
CIE _{LCh}	56, 14.623, 25.360
Yxy	23.9540, 0.3579, 0.3323
Android (android.graphics.Color)	4288773756 (0xFFA17E7C)
YUV	136.2370, -6.0328, 21.7172
Hunter-Lab	48.9428, 8.4433, 7.2066

Details

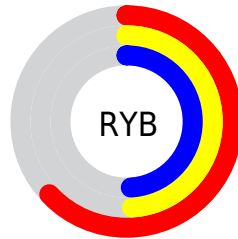
The Yxy color $23.9540, 0.3579, 0.3323$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $31.6620, 0.2793, 0.3257$, and the grayscale version is $24.7320, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9737, 0.3480, 0.3327$, and $9.0670, 0.3766, 0.3338$ is the 20% darker color. If you saturate the color by 10%, you get $19.9769, 0.3854, 0.3339$, and if you desaturate by 10%, it is $28.5930, 0.3355, 0.3308$.

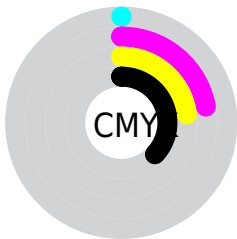
Distribution



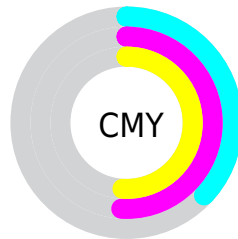
- Red (63%)
- Green (49%)
- Blue (49%)



- Red (63%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (37%)




- Cyan (37%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9540, 0.3579, 0.3323 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 23.9540, 0.3579, 0.3323 by changing the saturation by 10% instead.


 23.9540, 0.3579,
0.3323


 23.9540, 0.3579,
0.3323


272.5878, 0.3326,
0.3308


 15.2995, 0.3653,
0.3326


 49.9551, 0.3480,
0.3318

 9.0299, 0.3756,
0.3328

 68.0705, 0.3445,
0.3316

 4.7607, 0.3908,
0.3329

 90.1084, 0.3416,
0.3315

 2.1075, 0.4155,
0.3323

116.4531, 0.3392,
0.3313

 0.6689, 0.5012,
0.3478


147.4889, 0.3372,
0.3312


 0.0000, 0.0000,
0.0000


183.6004, 0.3355,


0.3310


225.1719, 0.3340,
0.3309


 23.9540, 0.3579,
0.3323

 23.9540, 0.3579,
0.3323

 19.9769, 0.3854,
0.3339


 28.5930, 0.3355,
0.3308


 16.6286, 0.4188,
0.3353


 33.9186, 0.3174,
0.3294


 13.8776, 0.4581,
0.3366

 39.9585, 0.3028,
0.3281

 11.6890, 0.5022,
0.3374

 46.7376, 0.2909,
0.3269

 10.0239, 0.5479,
0.3373

 54.2797, 0.2811,
0.3259

■ 8.8385, 0.5895,
0.3363

■ 62.6077, 0.2731,
0.3249

■ 8.0820, 0.6205,
0.3343

■ 71.7432, 0.2664,
0.3241

■ 7.7675, 0.6355,
0.3336

■ 81.7074, 0.2609,
0.3233

■ 86.3189, 0.2610,
0.3288

Harmonies

Analogous

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



23.9540, 0.3397, 0.3114



23.9540, 0.3579, 0.3323



23.9540, 0.3634, 0.3532

Triad

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



23.9540, 0.3579, 0.3323



23.9540, 0.3094, 0.3665



23.9540, 0.2717, 0.2891

Complementary

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



23.9540, 0.3579, 0.3323



31.6620, 0.2793, 0.3257

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.



23.9540, 0.2645, 0.3018



23.9540, 0.3579, 0.3323



23.9540, 0.2856, 0.3471

Square

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



23.9540, 0.3579, 0.3323



23.9540, 0.3347, 0.3744



23.9540, 0.2694, 0.3230



23.9540, 0.2897, 0.2870

Rectangle

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



23.9540, 0.3579, 0.3323



23.9540, 0.3591, 0.3647



23.9540, 0.2694, 0.3230



23.9540, 0.2680, 0.2922

Sweetspot

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



23.9551, 0.3579, 0.3323



56.6294, 0.3245, 0.3300



24.5030, 0.3173, 0.2759



12.3066, 0.3254, 0.3300



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



23.9551, 0.3579, 0.3323



38.8059, 0.3724, 0.3332



29.0897, 0.3518, 0.3607



7.1445, 0.3284, 0.3303



6.2219, 0.6349, 0.3341



0.1481, 0.6119, 0.3524

Inverse Universe

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



31.6620, 0.2793, 0.3257



55.2588, 0.2719, 0.3248



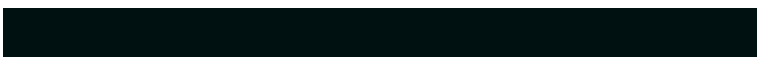
25.8078, 0.2769, 0.2951



7.9455, 0.2988, 0.3277



20.0907, 0.2201, 0.3124



0.4406, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 23.9540, 0.3579, 0.3323 looks on a white background.

Color Contrast Check

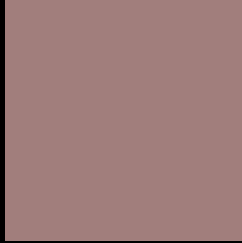
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9540, 0.3579, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

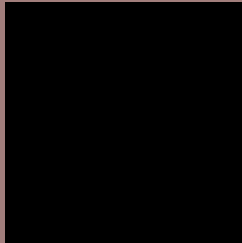
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9540, 0.3579, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 23.9540, 0.3579, 0.3323.



This preview shows how white text looks on a background with the Yxy color 23.9540, 0.3579, 0.3323.

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

23.9540, 0.3579, 0.3323

Protanopia

24.0120, 0.3236, 0.3393

Deuteranopia

24.0707, 0.3468, 0.3406



Tritanopia

23.8179, 0.3476, 0.3134

Trichromacy



Original Color

23.9540, 0.3579, 0.3323

Protanomaly

23.8759, 0.3347, 0.3358

Deuteranomaly

24.0991, 0.3507, 0.3389

Tritanomaly

23.9603, 0.3521, 0.3213

Monochromacy



Original Color

23.9540, 0.3579, 0.3323

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1882, 0.3278, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9540, 0.3579, 0.3323 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(161, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(161, 126, 124)  
}
```

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(161, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 126, 124) }
```

Border

The CSS property to change the border of an element to Yxy 23.9540, 0.3579, 0.3323 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(161, 126, 124) }
```

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

```
.border{ border-color:rgb(161, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(161, 126,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9540, 0.3579, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 126, 124) }
```

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

```
.background{ background-color: rgb(161,  
126, 124) }
```

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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