

Converting Colors

$Y_{xy}(23.5769, 0.3544, 0.3234)$

Have a look what the booklet for
Yxy(23.5769, 0.3544, 0.3234)
contains.

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Color

Yxy(23.5509, 0.3536, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	A17C80
RGB	161, 124, 128
RGB Percent	63%, 49%, 50%
CMY	0.3687, 0.5137, 0.4980
CMYK	0.00, 0.23, 0.20, 0.37
HSL	354°, 16%, 56%
HSV	354°, 23%, 63%
XYZ	25.7980, 23.5509, 23.6093
YIQ	135.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

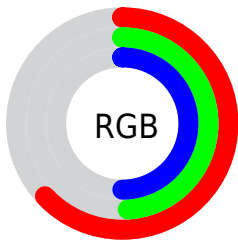
Format	Color
RYB	161, 124, 128
Decimal	10583168
CIELab	55.64, 14.96, 3.36
CIElCh	56, 15.331, 12.642
Yxy	23.5509, 0.3536, 0.3228
Android (android.graphics.Color)	4288773248 (0xFFA17C80)
YUV	135.5190, -3.7069, 22.3468
Hunter-Lab	48.5293, 9.9638, 5.1262

Details

The Yxy color $23.5509, 0.3536, 0.3228$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.2004, 0.2827, 0.3354$, and the grayscale version is $24.4399, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.3794, 0.3441, 0.3243$, and $8.8479, 0.3702, 0.3200$ is the 20% darker color. If you saturate the color by 10%, you get $19.4889, 0.3786, 0.3200$, and if you desaturate by 10%, it is $28.3273, 0.3333, 0.3256$.

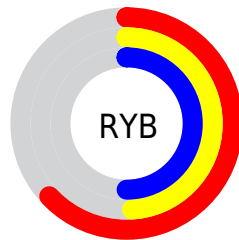
Distribution



Red (63%)

Green (49%)

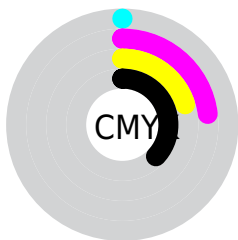
Blue (50%)



Red (63%)

Yellow (49%)

Blue (50%)

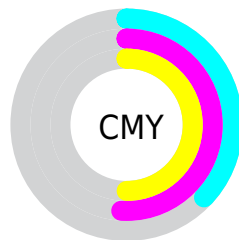


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (37%)



Cyan (37%)


Magenta (51%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5509, 0.3536, 0.3228 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 23.5509, 0.3536, 0.3228 by changing the saturation by 10% instead.


 23.5509, 0.3536,
0.3228


 23.5509, 0.3536,
0.3228


270.5420, 0.3307,
0.3265


 15.0008, 0.3603,
0.3216


 49.2963, 0.3446,
0.3243

 8.8200, 0.3696,
0.3199


 67.2605, 0.3414,
0.3248

 4.6239, 0.3835,
0.3173

 89.1314, 0.3389,
0.3252

 2.0283, 0.4060,
0.3126

115.2936, 0.3367,
0.3256

 0.6239, 0.4742,
0.3070

146.1313, 0.3349,
0.3259

 0.0000, 0.0000,
0.0000

182.0290, 0.3333,

0.3261

223.3712, 0.3319,
0.3263

■ 23.5509, 0.3536,
0.3228

■ 23.5509, 0.3536,
0.3228

■ 19.4889, 0.3786,
0.3200

■ 28.3273, 0.3333,
0.3256

■ 16.1038, 0.4092,
0.3172

■ 33.8466, 0.3169,
0.3283

■ 13.3598, 0.4455,
0.3150


■ 40.1398, 0.3037,
0.3307


■ 11.2163, 0.4869,
0.3136


■ 47.2353, 0.2930,
0.3329


■ 9.6283, 0.5309,
0.3137


■ 55.1598, 0.2842,
0.3350

 8.5441, 0.5731,
0.3157


 63.9391, 0.2771,
0.3368

 7.9028, 0.6075,
0.3197

 73.5975, 0.2712,
0.3385

 7.6160, 0.6257,
0.3220

 84.1586, 0.2663,
0.3400

 86.3143, 0.2610,
0.3288

Harmonies

Analogous

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



23.5509, 0.3303, 0.3024



23.5509, 0.3536, 0.3228



23.5509, 0.3656, 0.3454

Triad

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



23.5509, 0.3536, 0.3228



23.5509, 0.3207, 0.3739



23.5509, 0.2648, 0.2913

Complementary

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



23.5509, 0.3536, 0.3228



32.2004, 0.2827, 0.3354

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.



23.5509, 0.2626, 0.3089



23.5509, 0.3536, 0.3228



23.5509, 0.2941, 0.3579

Square

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



23.5509, 0.3536, 0.3228



23.5509, 0.3459, 0.3761



23.5509, 0.2731, 0.3335



23.5509, 0.2792, 0.2844

Rectangle

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



23.5509, 0.3536, 0.3228



23.5509, 0.3653, 0.3592



23.5509, 0.2731, 0.3335



23.5509, 0.2626, 0.2961

Sweetspot

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



23.5520, 0.3536, 0.3228



56.3474, 0.3233, 0.3272



24.1254, 0.3104, 0.2725



12.2405, 0.3242, 0.3270



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.



23.5520, 0.3536, 0.3228



37.9891, 0.3669, 0.3212



27.2592, 0.3537, 0.3513



7.0978, 0.3269, 0.3266



6.0881, 0.6243, 0.3213



0.1314, 0.5644, 0.2883

Inverse Universe

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



23.5520, 0.3536, 0.3228



37.9891, 0.3669, 0.3212



27.6656, 0.2778, 0.3056



7.0978, 0.3269, 0.3266



6.0881, 0.6243, 0.3213



0.1314, 0.5644, 0.2883

Previews

White Background



This preview shows how the Yxy color 23.5509, 0.3536, 0.3228 looks on a white background.

Color Contrast Check

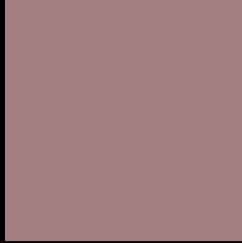
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5509, 0.3536, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

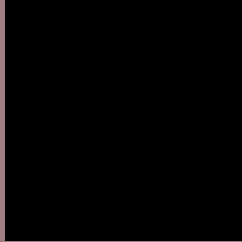
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5509, 0.3536, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 23.5509, 0.3536, 0.3228.



This preview shows how white text looks on a background with the Yxy color 23.5509, 0.3536, 0.3228.

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

23.5509, 0.3536, 0.3228

Protanopia

23.7028, 0.3161, 0.3290

Deuteranopia

23.6224, 0.3388, 0.3324



Tritanopia

23.5408, 0.3490, 0.3134

Trichromacy



Original Color

23.5509, 0.3536, 0.3228

Protanomaly

23.6237, 0.3292, 0.3274

Deuteranomaly

23.4834, 0.3441, 0.3291

Tritanomaly

23.4860, 0.3515, 0.3165

Monochromacy



Original Color

23.5509, 0.3536, 0.3228

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2157, 0.3267, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5509, 0.3536, 0.3228 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, 124, 128)` looks like.

```
.text, #text, p{  
    color:rgb(161, 124, 128)  
}
```

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, 124, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 124, 128) }
```

Border

The CSS property to change the border of an element to Yxy 23.5509, 0.3536, 0.3228 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, 124, 128) }
```

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

```
.border{ border-color:rgb(161, 124, 128) }
```

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

Here you see how a box with a 4 pixel rgb(161, 124, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 124, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 124, 128);  
box-shadow:4px 4px 4px 4px rgb(161, 124,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5509, 0.3536, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 124, 128) }
```

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

```
.background{ background-color: rgb(161,  
124, 128) }
```

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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