

Converting Colors

$Y_{xy}(23.2299, 0.3828, 0.3511)$

Have a look what the booklet for
Yxy(23.2299, 0.3828, 0.3511)
contains.

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Color

Yxy(23.2694, 0.3828, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	A57B6D
RGB	165, 123, 109
RGB Percent	65%, 48%, 43%
CMY	0.3529, 0.5177, 0.5725
CMYK	0.00, 0.25, 0.34, 0.35
HSL	15°, 24%, 54%
HSV	15°, 34%, 65%
XYZ	25.3631, 23.2694, 17.6243
YIQ	133.9620, 29.5260, 4.5500

Conversions

Conversions Part 2

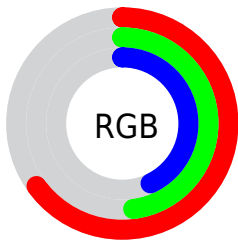
Format	Color
R _{YB}	165, 128, 109
Decimal	10845037
CIE Lab	55.35, 14.37, 14.02
CIE LCh	55, 20.071, 44.300
Yxy	23.2694, 0.3828, 0.3512
Android (android.graphics.Color)	4289035117 (0xFFA57B6D)
YUV	133.9620, -12.3063, 27.2203
Hunter-Lab	48.2384, 9.4359, 12.1047

Details

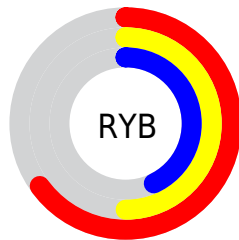
The Yxy color **23.2694, 0.3828, 0.3512** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1106, 0.2626, 0.3054**, and the grayscale version is **23.8644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.9960, 0.3666, 0.3469**, and **8.6792, 0.4118, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **20.0681, 0.4122, 0.3578**, and if you desaturate by 10%, it is **26.9281, 0.3577, 0.3444**.

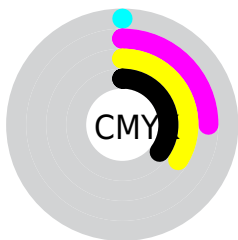
Distribution



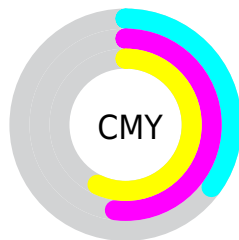
- Red (65%)
- Green (48%)
- Blue (43%)



- Red (65%)
- Yellow (50%)
- Blue (43%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (35%)




- Cyan (35%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2694, 0.3828, 0.3512 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 23.2694, 0.3828, 0.3512 by changing the saturation by 10% instead.


 23.2694, 0.3828,
0.3512


 23.2694, 0.3828,
0.3512

269.1057, 0.3434,
0.3398


 14.7926, 0.3944,
0.3540


 48.8353, 0.3673,
0.3470


 8.6739, 0.4104,
0.3575


 66.6932, 0.3618,
0.3455

 4.5291, 0.4339,
0.3618

 88.4468, 0.3574,
0.3442

 1.9737, 0.4718,
0.3666

 114.4806, 0.3536,
0.3430

 0.5921, 0.6073,
0.3927

145.1790, 0.3505,
0.3420

 0.0000, 0.0000,
0.0000

180.9264, 0.3478,

0.3412

222.1072, 0.3454,
0.3405

■ 23.2694, 0.3828,
0.3512

■ 23.2694, 0.3828,
0.3512

■ 20.0681, 0.4122,
0.3578

■ 26.9281, 0.3577,
0.3444

■ 17.3027, 0.4459,
0.3637

■ 31.0579, 0.3366,
0.3377

■ 14.9549, 0.4831,
0.3679


■ 35.6764, 0.3189,
0.3314


■ 13.0036, 0.5219,
0.3694


■ 40.7988, 0.3041,
0.3255

■ 11.4258, 0.5589,
0.3673

■ 46.4400, 0.2916,
0.3201


 10.1961, 0.5901,
0.3611

 52.6141, 0.2812,
0.3152

 9.6021, 0.6064,
0.3567

 59.3347, 0.2724,
0.3107

 66.6149, 0.2649,
0.3067

 74.3039, 0.2597,
0.3057

Harmonies

Analogous

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



23.2694, 0.3680, 0.3221



23.2694, 0.3828, 0.3512



23.2694, 0.3775, 0.3768

Triad

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



23.2694, 0.3828, 0.3512



23.2694, 0.2862, 0.3659



23.2694, 0.2704, 0.2711

Complementary

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



23.2694, 0.3828, 0.3512



28.1106, 0.2626, 0.3054

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.



23.2694, 0.2511, 0.2787



23.2694, 0.3828, 0.3512



23.2694, 0.2598, 0.3325

Square

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



23.2694, 0.3828, 0.3512



23.2694, 0.3207, 0.3881



23.2694, 0.2474, 0.3004



23.2694, 0.3015, 0.2775

Rectangle

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



23.2694, 0.3828, 0.3512



23.2694, 0.3636, 0.3882



23.2694, 0.2474, 0.3004



23.2694, 0.2624, 0.2720

Sweetspot

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



23.2705, 0.3828, 0.3512



58.6144, 0.3295, 0.3353



21.2051, 0.3322, 0.2643



12.5789, 0.3320, 0.3361



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.



23.2705, 0.3828, 0.3512



37.1208, 0.4054, 0.3564



30.9438, 0.3694, 0.3915



7.3601, 0.3279, 0.3347



7.3319, 0.6046, 0.3581



0.2239, 0.5397, 0.4097

Inverse Universe

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



28.1106, 0.2626, 0.3054



47.1450, 0.2520, 0.2991



20.3698, 0.2565, 0.2574



7.7102, 0.2987, 0.3233



13.0020, 0.2021, 0.2477



0.3411, 0.2113, 0.2805

Previews

White Background



This preview shows how the Yxy color 23.2694, 0.3828, 0.3512 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 23.2694, 0.3828, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

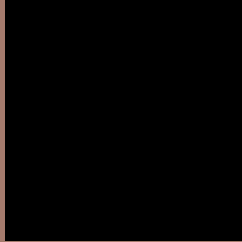
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2694, 0.3828, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 23.2694, 0.3828, 0.3512.



This preview shows how white text looks on a background with the Yxy color 23.2694, 0.3828, 0.3512.

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

23.2694, 0.3828, 0.3512

Protanopia

23.2929, 0.3419, 0.3603

Deuteranopia

23.3911, 0.3677, 0.3621



Tritanopia

23.2334, 0.3611, 0.3152

Trichromacy



Original Color

23.2694, 0.3828, 0.3512

Protanomaly

23.2599, 0.3563, 0.3577

Deuteranomaly

23.2735, 0.3737, 0.3584

Tritanomaly

23.1869, 0.3684, 0.3276

Monochromacy



Original Color

23.2694, 0.3828, 0.3512

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4657, 0.3360, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2694, 0.3828, 0.3512 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, 123, 109)` looks like.

```
.text, #text, p{  
    color:rgb(165, 123, 109)  
}
```

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, 123, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 123, 109) }
```

Border

The CSS property to change the border of an element to Yxy 23.2694, 0.3828, 0.3512 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, 123, 109) }
```

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

```
.border{ border-color:rgb(165, 123, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 123, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 123, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 123, 109);  
box-shadow:4px 4px 4px 4px rgb(165, 123,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2694, 0.3828, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 123, 109) }
```

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

```
.background{ background-color: rgb(165,  
123, 109) }
```

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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