

Converting Colors

$Y_{xy}(23.4328, 0.3822, 0.3457)$

Have a look what the booklet for
Yxy(23.4328, 0.3822, 0.3457)
contains.

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Color

Yxy(23.3044, 0.3820, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	A77A70
RGB	167, 122, 112
RGB Percent	65%, 48%, 44%
CMY	0.3451, 0.5215, 0.5608
CMYK	0.00, 0.27, 0.33, 0.35
HSL	11°, 24%, 55%
HSV	11°, 33%, 65%
XYZ	25.8187, 23.3044, 18.4651
YIQ	134.3150, 30.0300, 6.4300

Conversions

Conversions Part 2

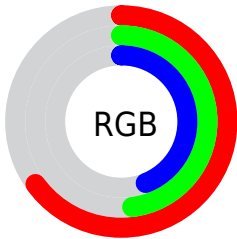
Format	Color
R_{YB}	167, 124, 112
Decimal	10975856
CIE _{Lab}	55.38, 16.13, 12.37
CIE _{LCh}	55, 20.327, 37.498
Yxy	23.3044, 0.3820, 0.3448
Android (android.graphics.Color)	4289165936 (0xFFA77A70)
YUV	134.3150, -11.0013, 28.6647
Hunter-Lab	48.2746, 10.9864, 11.1138

Details

The Yxy color $23.3044, 0.3820, 0.3448$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.3400, 0.2648, 0.3124$, and the grayscale version is $23.9954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0283, 0.3661, 0.3421$, and $8.7127, 0.4107, 0.3492$ is the 20% darker color. If you saturate the color by 10%, you get $19.8453, 0.4125, 0.3497$, and if you desaturate by 10%, it is $27.3061, 0.3563, 0.3398$.

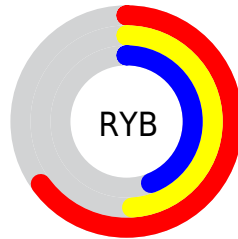
Distribution



Red (65%)

Green (48%)

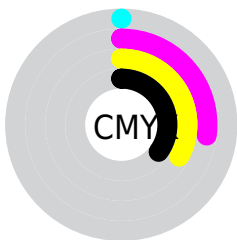
Blue (44%)



Red (65%)

Yellow (49%)

Blue (44%)

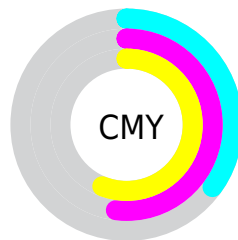


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (35%)



Cyan (35%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3044, 0.3820, 0.3448 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 23.3044, 0.3820, 0.3448 by changing the saturation by 10% instead.


 23.3044, 0.3820,
0.3448


 23.3044, 0.3820,
0.3448


269.2846, 0.3430,
0.3369


 14.8184, 0.3935,
0.3466


 48.8927, 0.3666,
0.3420


 8.6921, 0.4093,
0.3488


 66.7638, 0.3613,
0.3409

 4.5409, 0.4328,
0.3512

 88.5320, 0.3568,
0.3400

 1.9805, 0.4705,
0.3531

 114.5818, 0.3532,
0.3392

 0.5961, 0.6184,
0.3816

145.2976, 0.3500,
0.3385

 0.0000, 0.0000,
0.0000

181.0637, 0.3474,

0.3379

222.2646, 0.3451,
0.3374

■ 23.3044, 0.3820,
0.3448

■ 23.3044, 0.3820,
0.3448

■ 19.8453, 0.4125,
0.3497

■ 27.3061, 0.3563,
0.3398

■ 16.9022, 0.4480,
0.3540

■ 31.8691, 0.3349,
0.3349

■ 14.4510, 0.4877,
0.3569


■ 37.0152, 0.3173,
0.3303


■ 12.4645, 0.5293,
0.3577


■ 42.7640, 0.3027,
0.3260


■ 10.9128, 0.5689,
0.3556


■ 49.1342, 0.2906,
0.3221

 9.7620, 0.6015,
0.3503

 56.1439, 0.2805,
0.3186

 9.1636, 0.6198,
0.3461

 63.8101, 0.2720,
0.3154

 72.1495, 0.2649,
0.3125

 80.6996, 0.2623,
0.3177

Harmonies

Analogous

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



23.3044, 0.3627, 0.3155



23.3044, 0.3820, 0.3448



23.3044, 0.3812, 0.3722

Triad

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



23.3044, 0.3820, 0.3448



23.3044, 0.2934, 0.3729



23.3044, 0.2642, 0.2709

Complementary

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



23.3044, 0.3820, 0.3448



30.3400, 0.2648, 0.3124

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.



23.3044, 0.2481, 0.2819



23.3044, 0.3820, 0.3448



23.3044, 0.2642, 0.3405

Square

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



23.3044, 0.3820, 0.3448



23.3044, 0.3289, 0.3914



23.3044, 0.2481, 0.3067



23.3044, 0.2935, 0.2743

Rectangle

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



23.3044, 0.3820, 0.3448



23.3044, 0.3698, 0.3857



23.3044, 0.2481, 0.3067



23.3044, 0.2572, 0.2729

Sweetspot

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



23.3055, 0.3820, 0.3448



59.5138, 0.3297, 0.3336



22.2644, 0.3271, 0.2612



13.0487, 0.3323, 0.3342



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.3055, 0.3820, 0.3448



36.8340, 0.4054, 0.3486



30.7711, 0.3692, 0.3845



7.7551, 0.3281, 0.3332



7.0673, 0.6183, 0.3472



0.2336, 0.5636, 0.3907

Inverse Universe

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



30.3400, 0.2648, 0.3124



51.5027, 0.2546, 0.3079



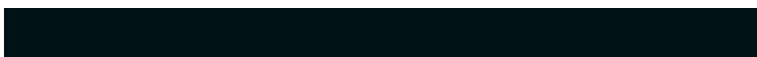
22.2865, 0.2591, 0.2663



8.2963, 0.2987, 0.3248



15.8023, 0.2086, 0.2708



0.4432, 0.2145, 0.2920

Previews

White Background



This preview shows how the Yxy color 23.3044, 0.3820, 0.3448 looks on a white background.

Color Contrast Check

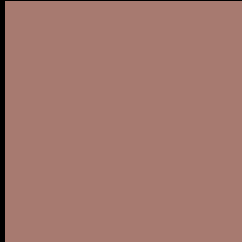
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3044, 0.3820, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

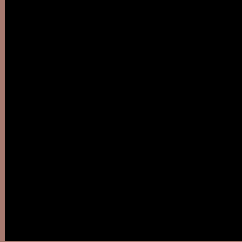
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3044, 0.3820, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 23.3044, 0.3820, 0.3448.



This preview shows how white text looks on a background with the Yxy color 23.3044, 0.3820, 0.3448.

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

23.3044, 0.3820, 0.3448

Protanopia

23.5484, 0.3371, 0.3568

Deuteranopia

23.3583, 0.3629, 0.3573



Tritanopia

23.4529, 0.3636, 0.3154

Trichromacy



Original Color

23.3044, 0.3820, 0.3448

Protanomaly

23.3279, 0.3528, 0.3526

Deuteranomaly

23.3385, 0.3700, 0.3535

Tritanomaly

23.4296, 0.3697, 0.3261

Monochromacy



Original Color

23.3044, 0.3820, 0.3448

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5826, 0.3361, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3044, 0.3820, 0.3448 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(167, 122, 112)` looks like.

```
.text, #text, p{  
    color:rgb(167, 122, 112)  
}
```

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(167, 122, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 122, 112) }
```

Border

The CSS property to change the border of an element to Yxy 23.3044, 0.3820, 0.3448 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(167, 122, 112) }
```

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

```
.border{ border-color:rgb(167, 122, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 122, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 122, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 122, 112); box-shadow:4px 4px 4px 4px rgb(167, 122, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3044, 0.3820, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 122, 112) }
```

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

```
.background{ background-color: rgb(167,  
122, 112) }
```

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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