

Converting Colors

$Y_{xy}(22.7175, 0.3732, 0.3298)$

Have a look what the booklet for
Yxy(22.7175, 0.3732, 0.3298)
contains.

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Color

Yxy(22.6326, 0.3731, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	A67777
RGB	166, 119, 119
RGB Percent	65%, 47%, 47%
CMY	0.3491, 0.5333, 0.5334
CMYK	0.00, 0.28, 0.28, 0.35
HSL	0°, 21%, 56%
HSV	0°, 28%, 65%
XYZ	25.6507, 22.6326, 20.4670
YIQ	133.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

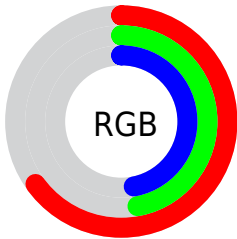
Format	Color
R_{YB}	166, 119, 119
Decimal	10909559
CIE _{Lab}	54.69, 18.41, 7.32
CIE _{LCh}	55, 19.809, 21.672
Yxy	22.6326, 0.3731, 0.3292
Android (android.graphics.Color)	4289099639 (0xFFA67777)
YUV	133.0530, -6.9281, 28.8945
Hunter-Lab	47.5737, 12.9893, 7.7941

Details

The Yxy color $22.6326, 0.3731, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.9377, 0.2725, 0.3289$, and the grayscale version is $23.4942, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.5957, 0.3599, 0.3291$, and $8.3460, 0.3972, 0.3270$ is the 20% darker color. If you saturate the color by 10%, you get $18.6579, 0.4048, 0.3293$, and if you desaturate by 10%, it is $27.3687, 0.3474, 0.3291$.

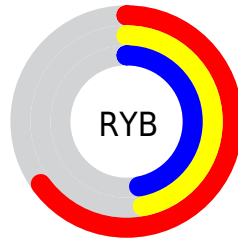
Distribution



Red (65%)

Green (47%)

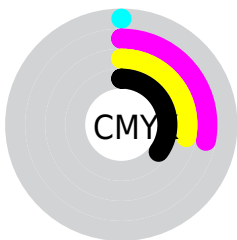
Blue (47%)



Red (65%)

Yellow (47%)

Blue (47%)

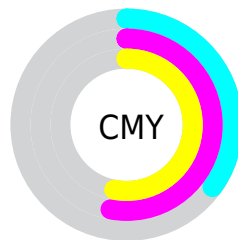


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6326, 0.3731, 0.3292 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 22.6326, 0.3731, 0.3292 by changing the saturation by 10% instead.


 22.6326, 0.3731,
0.3292


 22.6326, 0.3731,
0.3292


265.8323, 0.3390,
0.3297


 14.3225, 0.3832,
0.3288


 47.7893, 0.3596,
0.3296

 8.3453, 0.3973,
0.3280


 65.4047, 0.3549,
0.3296

 4.3167, 0.4184,
0.3263

 86.8907, 0.3510,
0.3297

 1.8522, 0.4530,
0.3224

112.6316, 0.3478,
0.3297

 0.5194, 0.6228,
0.3416

143.0118, 0.3451,
0.3297

 0.0000, 0.0000,
0.0000

178.4157, 0.3428,

0.3297

219.2277, 0.3408,
0.3297

■ 22.6326, 0.3731,
0.3292

■ 22.6326, 0.3731,
0.3292

■ 18.6579, 0.4048,
0.3293

■ 27.3687, 0.3474,
0.3291

■ 15.4019, 0.4429,
0.3294

■ 32.8996, 0.3267,
0.3290

■ 12.8226, 0.4870,
0.3296


■ 39.2605, 0.3102,
0.3290

■ 10.8725, 0.5341,
0.3297


■ 46.4838, 0.2969,
0.3289

■ 9.4977, 0.5791,
0.3298


■ 54.5999, 0.2861,
0.3289


 8.6355, 0.6146,
0.3299

 63.6378, 0.2774,
0.3289

 8.1742, 0.6366,
0.3300

 73.6254, 0.2702,
0.3288

 8.1073, 0.6400,
0.3300

 84.5891, 0.2643,
0.3288

 86.8460, 0.2633,
0.3289

Harmonies

Analogous

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



22.6326, 0.3458, 0.3018



22.6326, 0.3731, 0.3292



22.6326, 0.3831, 0.3580

Triad

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



22.6326, 0.3731, 0.3292



22.6326, 0.3120, 0.3840



22.6326, 0.2547, 0.2757

Complementary

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



22.6326, 0.3731, 0.3292



33.9377, 0.2725, 0.3289

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.



22.6326, 0.2470, 0.2941



22.6326, 0.3731, 0.3292



22.6326, 0.2788, 0.3581

Square

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



22.6326, 0.3731, 0.3292



22.6326, 0.3465, 0.3922



22.6326, 0.2555, 0.3241



22.6326, 0.2773, 0.2717

Rectangle

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



22.6326, 0.3731, 0.3292



22.6326, 0.3785, 0.3747



22.6326, 0.2555, 0.3241



22.6326, 0.2504, 0.2803

Sweetspot

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



22.6337, 0.3731, 0.3292



59.8945, 0.3264, 0.3290



24.0510, 0.3159, 0.2602



13.0522, 0.3292, 0.3291



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.



22.6337, 0.3731, 0.3292



36.3673, 0.3924, 0.3293



28.9306, 0.3634, 0.3651



7.5427, 0.3286, 0.3291



6.2877, 0.6400, 0.3300



0.1531, 0.6399, 0.3301

Inverse Universe

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



33.9377, 0.2725, 0.3289



60.3253, 0.2648, 0.3288



26.1671, 0.2685, 0.2899



8.5316, 0.2987, 0.3290



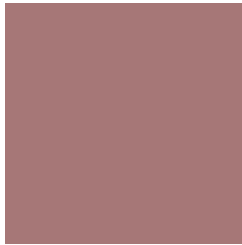
23.2676, 0.2246, 0.3286



0.5662, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 22.6326, 0.3731, 0.3292 looks on a white background.

Color Contrast Check

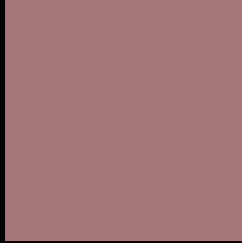
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6326, 0.3731, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

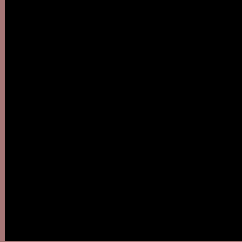
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6326, 0.3731, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 22.6326, 0.3731, 0.3292.



This preview shows how white text looks on a background with the Yxy color 22.6326, 0.3731, 0.3292.

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

22.6326, 0.3731, 0.3292

Protanopia

22.8642, 0.3239, 0.3395

Deuteranopia

22.6193, 0.3502, 0.3426



Tritanopia

22.7047, 0.3644, 0.3152

Trichromacy



Original Color

22.6326, 0.3731, 0.3292

Protanomaly

22.7198, 0.3403, 0.3358

Deuteranomaly

22.4425, 0.3588, 0.3373

Tritanomaly

22.6276, 0.3683, 0.3199

Monochromacy



Original Color

22.6326, 0.3731, 0.3292

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0166, 0.3330, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6326, 0.3731, 0.3292 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(166, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(166, 119, 119)  
}
```

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(166, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 119, 119) }
```

Border

The CSS property to change the border of an element to Yxy 22.6326, 0.3731, 0.3292 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(166, 119, 119) }
```

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

```
.border{ border-color:rgb(166, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(166, 119,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6326, 0.3731, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 119, 119) }
```

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

```
.background{ background-color: rgb(166,  
119, 119) }
```

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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