

Converting Colors

$Y_{xy}(24.4343, 0.3524, 0.3388)$

Have a look what the booklet for
Yxy(24.4343, 0.3524, 0.3388)
contains.

Yxy(24.2987, 0.3532, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.2987, 0.3532, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	9D817B
RGB	157, 129, 123
RGB Percent	62%, 51%, 48%
CMY	0.3843, 0.4941, 0.5177
CMYK	0.00, 0.18, 0.22, 0.38
HSL	11°, 15%, 55%
HSV	11°, 22%, 62%
XYZ	25.3315, 24.2987, 22.0897
YIQ	136.6880, 18.6140, 4.0700

Conversions

Conversions Part 2

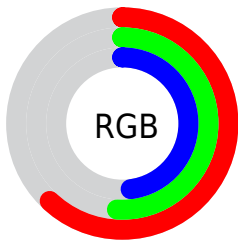
Format	Color
R_{YB}	157, 130, 123
Decimal	10322299
CIE Lab	56.39, 9.76, 7.28
CIE LCh	56, 12.180, 36.730
Yxy	24.2987, 0.3532, 0.3388
Android (android.graphics.Color)	4288512379 (0xFF9D817B)
YUV	136.6880, -6.7482, 17.8136
Hunter-Lab	49.2937, 5.4651, 7.9363

Details

The Yxy color $24.2987, 0.3532, 0.3388$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.7791, 0.2806, 0.3190$, and the grayscale version is $24.9138, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5481, 0.3447, 0.3375$, and $9.2350, 0.3691, 0.3433$ is the 20% darker color. If you saturate the color by 10%, you get $20.7446, 0.3782, 0.3437$, and if you desaturate by 10%, it is $28.3490, 0.3324, 0.3341$.

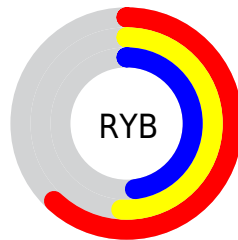
Distribution



Red (62%)

Green (51%)

Blue (48%)



Red (62%)

Yellow (51%)

Blue (48%)

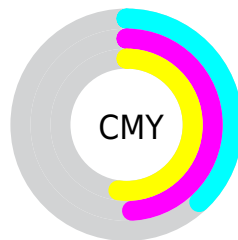


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2987, 0.3532, 0.3388 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 24.2987, 0.3532, 0.3388 by changing the saturation by 10% instead.


 24.2987, 0.3532,
0.3388


 24.2987, 0.3532,
0.3388


274.3271, 0.3306,
0.3337


 15.5553, 0.3598,
0.3401


 50.5172, 0.3443,
0.3369

 9.2101, 0.3689,
0.3419


 68.7611, 0.3412,
0.3362

 4.8784, 0.3824,
0.3441


 90.9407, 0.3387,
0.3356

 2.1761, 0.4042,
0.3472

117.4403, 0.3365,
0.3351

 0.7069, 0.4853,
0.3761

148.6444, 0.3347,
0.3347

 0.0000, 0.0000,
0.0000

184.9373, 0.3331,

0.3343

226.7034, 0.3318,
0.3340

■ 24.2987, 0.3532,
0.3388

■ 24.2987, 0.3532,
0.3388

■ 20.7446, 0.3782,
0.3437

■ 28.3490, 0.3324,
0.3341

■ 17.6644, 0.4080,
0.3484

■ 32.9101, 0.3153,
0.3297

■ 15.0388, 0.4428,
0.3527

■ 38.0002, 0.3011,
0.3256

■ 12.8462, 0.4819,
0.3557

■ 43.6357, 0.2893,
0.3219

■ 11.0629, 0.5234,
0.3569

■ 49.8321, 0.2795,
0.3186

■ 9.6631, 0.5636,
0.3553

■ 56.6044, 0.2712,
0.3155

■ 8.6178, 0.5976,
0.3506

■ 63.9670, 0.2643,
0.3127

■ 7.9878, 0.6200,
0.3459

■ 71.9337, 0.2584,
0.3102

■ 79.9043, 0.2576,
0.3180

Harmonies

Analogous

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



24.2987, 0.3418, 0.3208



24.2987, 0.3532, 0.3388



24.2987, 0.3533, 0.3550

Triad

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



24.2987, 0.3532, 0.3388



24.2987, 0.3021, 0.3547



24.2987, 0.2833, 0.2941

Complementary

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



24.2987, 0.3532, 0.3388



28.7791, 0.2806, 0.3190

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.



24.2987, 0.2736, 0.3016



24.2987, 0.3532, 0.3388



24.2987, 0.2842, 0.3366

Square

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



24.2987, 0.3532, 0.3388



24.2987, 0.3234, 0.3652



24.2987, 0.2739, 0.3170



24.2987, 0.3011, 0.2956

Rectangle

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



24.2987, 0.3532, 0.3388



24.2987, 0.3470, 0.3627



24.2987, 0.2739, 0.3170



24.2987, 0.2791, 0.2956

Sweetspot

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



24.2998, 0.3532, 0.3388



54.3489, 0.3242, 0.3321



23.5781, 0.3215, 0.2849



11.8653, 0.3252, 0.3323



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.2998, 0.3532, 0.3388



40.3269, 0.3647, 0.3411



29.0563, 0.3479, 0.3648



6.8263, 0.3280, 0.3330



6.5269, 0.6188, 0.3468



0.1628, 0.5596, 0.3939

Inverse Universe

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



28.7791, 0.2806, 0.3190



49.7994, 0.2738, 0.3165



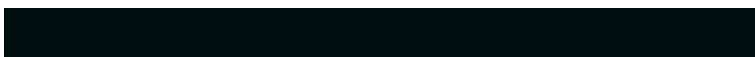
23.7866, 0.2787, 0.2904



7.3100, 0.2988, 0.3250



14.8331, 0.2091, 0.2728



0.3130, 0.2160, 0.2976

Previews

White Background



This preview shows how the Yxy color 24.2987, 0.3532, 0.3388 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 24.2987, 0.3532, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

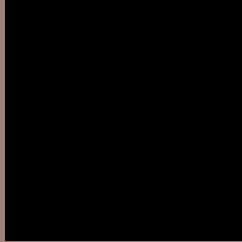
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2987, 0.3532, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 24.2987, 0.3532, 0.3388.



This preview shows how white text looks on a background with the Yxy color 24.2987, 0.3532, 0.3388.

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

24.2987, 0.3532, 0.3388

Protanopia

24.4098, 0.3280, 0.3444

Deuteranopia

24.4350, 0.3477, 0.3422



Tritanopia

24.3558, 0.3397, 0.3133

Trichromacy



Original Color

24.2987, 0.3532, 0.3388

Protanomaly

24.3667, 0.3365, 0.3425

Deuteranomaly

24.2653, 0.3492, 0.3405

Tritanomaly

24.3734, 0.3441, 0.3227

Monochromacy



Original Color

24.2987, 0.3532, 0.3388

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.6454, 0.3263, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2987, 0.3532, 0.3388 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(157, 129, 123)` looks like.

```
.text, #text, p{  
    color:rgb(157, 129, 123)  
}
```

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(157, 129, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 129, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.2987, 0.3532, 0.3388 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(157, 129, 123) }
```

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

```
.border{ border-color:rgb(157, 129, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 129, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 129, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 129, 123);  
box-shadow:4px 4px 4px 4px rgb(157, 129,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2987, 0.3532, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 129, 123) }
```

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

```
.background{ background-color: rgb(157,  
129, 123) }
```

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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