

Converting Colors

$Y_{xy}(22.9271, 0.3540, 0.3432)$

Have a look what the booklet for
Yxy(22.9271, 0.3540, 0.3432)
contains.

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Color

Yxy(22.9051, 0.3540, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	987E76
RGB	152, 126, 118
RGB Percent	60%, 49%, 46%
CMY	0.4039, 0.5059, 0.5373
CMYK	0.00, 0.17, 0.22, 0.40
HSL	14°, 14%, 53%
HSV	14°, 22%, 60%
XYZ	23.6811, 22.9051, 20.3095
YIQ	132.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

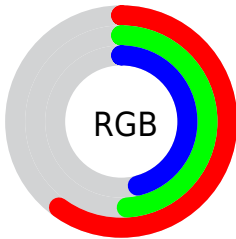
Format	Color
R_{YB}	152, 128, 118
Decimal	9993846
CIE _{Lab}	54.97, 8.70, 8.10
CIE _{LCh}	55, 11.884, 42.946
Yxy	22.9051, 0.3540, 0.3424
Android (android.graphics.Color)	4288183926 (0xFF987E76)
YUV	132.8620, -7.3270, 16.7840
Hunter-Lab	47.8593, 4.5693, 8.3412

Details

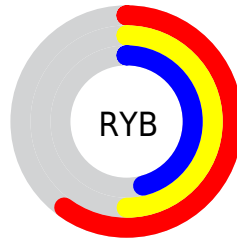
The Yxy color $22.9051, 0.3540, 0.3424$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.0664, 0.2795, 0.3152$, and the grayscale version is $23.4256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4079, 0.3451, 0.3402$, and $8.4593, 0.3691, 0.3463$ is the 20% darker color. If you saturate the color by 10%, you get $19.7715, 0.3784, 0.3488$, and if you desaturate by 10%, it is $26.4444, 0.3335, 0.3362$.

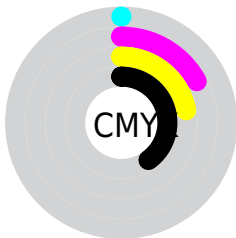
Distribution



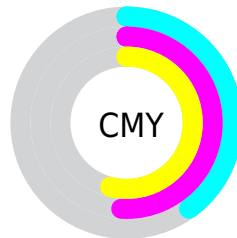
- Red (60%)
- Green (49%)
- Blue (46%)



- Red (60%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (40%)





- Cyan (40%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9051, 0.3540, 0.3424 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 22.9051, 0.3540, 0.3424 by changing the saturation by 10% instead.


 22.9051, 0.3540,
0.3424


 22.9051, 0.3540,
0.3424

267.2372, 0.3308,
0.3352


 14.5234, 0.3609,
0.3443


 48.2375, 0.3448,
0.3397

 8.4856, 0.3705,
0.3469


 65.9569, 0.3416,
0.3387

 4.4072, 0.3847,
0.3504

 87.5578, 0.3390,
0.3379

 1.9039, 0.4083,
0.3554

113.4245, 0.3368,
0.3372

 0.5507, 0.5574,
0.4172

143.9414, 0.3349,
0.3366

 0.0000, 0.0000,
0.0000

179.4929, 0.3334,

0.3361

220.4634, 0.3320,
0.3356

■ 22.9051, 0.3540,
0.3424

■ 22.9051, 0.3540,
0.3424

■ 19.7715, 0.3784,
0.3488

■ 26.4444, 0.3335,
0.3362

■ 17.0260, 0.4071,
0.3551

■ 30.4001, 0.3164,
0.3303

■ 14.6542, 0.4403,
0.3607


■ 34.7864, 0.3020,
0.3249


■ 12.6394, 0.4772,
0.3650


■ 39.6158, 0.2900,
0.3199

■ 10.9640, 0.5163,
0.3669


■ 44.9005, 0.2800,
0.3154

 9.6086, 0.5543,
0.3654


 50.6519, 0.2714,
0.3113

 8.5515, 0.5871,
0.3602

 56.8812, 0.2642,
0.3075

 7.9253, 0.6084,
0.3552

 63.5992, 0.2580,
0.3041

 70.8163, 0.2527,
0.3011

Harmonies

Analogous

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



22.9051, 0.3448, 0.3245



22.9051, 0.3540, 0.3424



22.9051, 0.3517, 0.3576

Triad

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



22.9051, 0.3540, 0.3424



22.9051, 0.2980, 0.3513



22.9051, 0.2866, 0.2938

Complementary

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



22.9051, 0.3540, 0.3424



26.0664, 0.2795, 0.3152

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.



22.9051, 0.2750, 0.2994



22.9051, 0.3540, 0.3424



22.9051, 0.2814, 0.3324

Square

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



22.9051, 0.3540, 0.3424



22.9051, 0.3189, 0.3637



22.9051, 0.2731, 0.3134



22.9051, 0.3054, 0.2971

Rectangle

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



22.9051, 0.3540, 0.3424



22.9051, 0.3440, 0.3641



22.9051, 0.2731, 0.3134



22.9051, 0.2818, 0.2947

Sweetspot

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



22.9061, 0.3540, 0.3424



50.2360, 0.3241, 0.3331



21.6474, 0.3244, 0.2870



11.3352, 0.3250, 0.3334



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.9061, 0.3540, 0.3424



37.4909, 0.3660, 0.3457



27.6116, 0.3483, 0.3694



6.4470, 0.3278, 0.3343



6.6857, 0.6072, 0.3561



0.1488, 0.5381, 0.4109

Inverse Universe

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



26.0664, 0.2795, 0.3152



44.0985, 0.2721, 0.3116



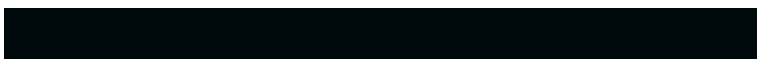
21.3136, 0.2773, 0.2850



6.7800, 0.2989, 0.3236



12.4656, 0.2036, 0.2529



0.2400, 0.2140, 0.2905

Previews

White Background



This preview shows how the Yxy color 22.9051, 0.3540, 0.3424 looks on a white background.

Color Contrast Check

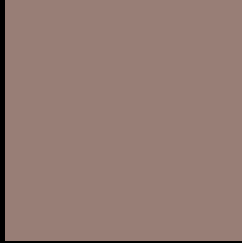
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9051, 0.3540, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

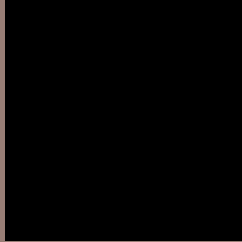
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9051, 0.3540, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 22.9051, 0.3540, 0.3424.



This preview shows how white text looks on a background with the Yxy color 22.9051, 0.3540, 0.3424.

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

22.9051, 0.3540, 0.3424

Protanopia

22.9314, 0.3307, 0.3465

Deuteranopia

22.9708, 0.3511, 0.3442



Tritanopia

22.9788, 0.3390, 0.3145

Trichromacy



Original Color

22.9051, 0.3540, 0.3424

Protanomaly

22.8074, 0.3383, 0.3446

Deuteranomaly

23.0661, 0.3524, 0.3441

Tritanomaly

22.9980, 0.3435, 0.3242

Monochromacy



Original Color

22.9051, 0.3540, 0.3424

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0992, 0.3266, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9051, 0.3540, 0.3424 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(152, 126, 118)` looks like.

```
.text, #text, p{  
    color:rgb(152, 126, 118)  
}
```

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(152, 126, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 126, 118) }
```

Border

The CSS property to change the border of an element to Yxy 22.9051, 0.3540, 0.3424 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(152, 126, 118) }
```

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

```
.border{ border-color:rgb(152, 126, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 126, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 126, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 126, 118);  
box-shadow:4px 4px 4px 4px rgb(152, 126,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9051, 0.3540, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 126, 118) }
```

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

```
.background{ background-color: rgb(152,  
126, 118) }
```

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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