

Converting Colors

$Y_{xy}(32.1590, 0.3540, 0.3715)$

Have a look what the booklet for
Yxy(32.1590, 0.3540, 0.3715)
contains.

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Color

Yxy(32.0187, 0.3547, 0.3712)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A6987C |
| RGB | 166, 152, 124 |
| RGB Percent | 65%, 60%, 49% |
| CMY | 0.3490, 0.4039, 0.5136 |
| CMYK | 0.00, 0.08, 0.25, 0.35 |
| HSL | 40°, 19%, 57% |
| HSV | 40°, 25%, 65% |
| XYZ | 30.5955, 32.0187, 23.6431 |
| YIQ | 152.9940, 17.3320, -5.7400 |

Conversions

Conversions Part 2

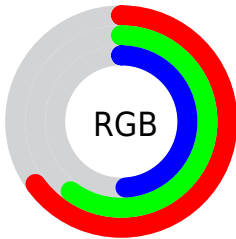
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 145, 166, 124 |
| Decimal | 10918012 |
| CIELab | 63.36, 0.61, 16.61 |
| CIElCh | 63, 16.625, 87.903 |
| Yxy | 32.0187, 0.3547, 0.3712 |
| Android (android.graphics.Color) | 4289108092 (0xFFA6987C) |
| YUV | 152.9940, -14.2940, 11.4063 |
| Hunter-Lab | 56.5851, -2.5092, 14.8362 |

Details

The Yxy color **32.0187, 0.3547, 0.3712** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.2283, 0.2724, 0.2828**, and the grayscale version is **31.9122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6891, 0.3457, 0.3622**, and **13.3928, 0.3694, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **29.8778, 0.3739, 0.3885**, and if you desaturate by 10%, it is **34.3173, 0.3369, 0.3540**.

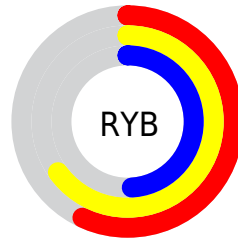
Distribution



Red (65%)

Green (60%)

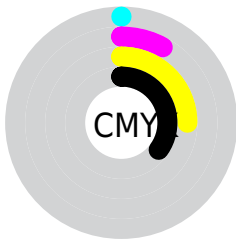
Blue (49%)



Red (57%)

Yellow (65%)

Blue (49%)

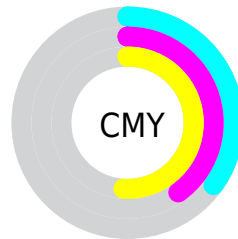


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0187, 0.3547, 0.3712 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 32.0187, 0.3547, 0.3712 by changing the saturation by 10% instead.


 32.0187, 0.3547,
0.3712


 32.0187, 0.3547,
0.3712


311.2044, 0.3324,
0.3489

 21.3758, 0.3607,
0.3772


 62.8404, 0.3463,
0.3628

 13.3990, 0.3686,
0.3850


 83.7880, 0.3432,
0.3597

 7.7038, 0.3795,
0.3959


 108.9392, 0.3407,
0.3572

 3.9060, 0.3954,
0.4116

138.6786, 0.3385,
0.3550

 1.6211, 0.4303,
0.4462

173.3903, 0.3367,
0.3532

 0.3718, 0.4976,
0.5024

213.4590, 0.3351,

 0.0000, 0.0000,

0.3515

0.0000

259.2689, 0.3337,
0.3501

■ 32.0187, 0.3547,
0.3712

■ 32.0187, 0.3547,
0.3712

■ 29.8778, 0.3739,
0.3885

■ 34.3173, 0.3369,
0.3540

■ 27.8856, 0.3941,
0.4052

■ 36.7736, 0.3207,
0.3375

■ 26.0384, 0.4149,
0.4205

■ 39.3932, 0.3060,
0.3217

■ 24.3309, 0.4354,
0.4334

■ 42.1802, 0.2929,
0.3070

■ 22.7572, 0.4548,
0.4428

■ 45.1383, 0.2811,
0.2933

■ 21.3105, 0.4720,
0.4478

■ 48.2712, 0.2707,
0.2808

■ 19.9826, 0.4863,
0.4478

■ 51.5824, 0.2614,
0.2692

■ 19.3907, 0.4927,
0.4470

■ 54.9567, 0.2541,
0.2605

■ 57.5085, 0.2550,
0.2672

Harmonies

Analogous

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



32.0187, 0.3649, 0.3556



32.0187, 0.3547, 0.3712



32.0187, 0.3333, 0.3757

Triad

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



32.0187, 0.3547, 0.3712



32.0187, 0.2672, 0.3207



32.0187, 0.3168, 0.2953

Complementary

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



32.0187, 0.3547, 0.3712



25.2283, 0.2724, 0.2828

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.



32.0187, 0.2909, 0.2861



32.0187, 0.3547, 0.3712



32.0187, 0.2631, 0.2994

Square

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



32.0187, 0.3547, 0.3712



32.0187, 0.2830, 0.3457



32.0187, 0.2716, 0.2873



32.0187, 0.3425, 0.3126

Rectangle

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



32.0187, 0.3547, 0.3712



32.0187, 0.3159, 0.3710



32.0187, 0.2716, 0.2873



32.0187, 0.3078, 0.2912

Sweetspot

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



32.0201, 0.3547, 0.3712



65.4258, 0.3252, 0.3421



24.3851, 0.3467, 0.3066



14.4934, 0.3275, 0.3445



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.



32.0201, 0.3547, 0.3712



56.0221, 0.3646, 0.3803



36.1778, 0.3437, 0.3920



8.3456, 0.3270, 0.3440



15.1221, 0.4918, 0.4477



0.4561, 0.4627, 0.4708

Inverse Universe

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



25.2283, 0.2724, 0.2828



41.6977, 0.2633, 0.2716



21.9456, 0.2767, 0.2601



7.6945, 0.2986, 0.3135



4.3624, 0.1642, 0.1110



0.1998, 0.1832, 0.1796

Previews

White Background



This preview shows how the Yxy color 32.0187, 0.3547, 0.3712 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.0187, 0.3547, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

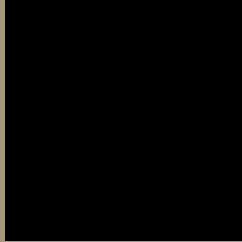
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

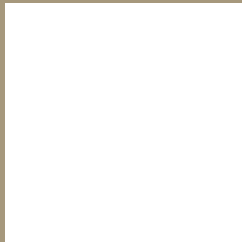
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0187, 0.3547, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 32.0187, 0.3547, 0.3712.



This preview shows how white text looks on a background with the Yxy color 32.0187, 0.3547, 0.3712.

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

32.0187, 0.3547, 0.3712

Protanopia

32.0497, 0.3501, 0.3716

Deuteranopia

31.8131, 0.3687, 0.3609



Tritanopia

31.9167, 0.3249, 0.3117

Trichromacy



Original Color

32.0187, 0.3547, 0.3712

Protanomaly

32.1556, 0.3512, 0.3715

Deuteranomaly

31.9742, 0.3635, 0.3643

Tritanomaly

32.0052, 0.3365, 0.3335

Monochromacy



Original Color

32.0187, 0.3547, 0.3712

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.0046, 0.3282, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0187, 0.3547, 0.3712 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, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 152, 124)  
}
```

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, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 152, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.0187, 0.3547, 0.3712 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, 152, 124) }
```

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

```
.border{ border-color:rgb(166, 152, 124) }
```

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

Here you see how a box with a 4 pixel rgb(166, 152, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 152,  
124) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0187, 0.3547, 0.3712$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 152, 124) }
```

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

```
.background{ background-color: rgb(166,  
152, 124) }
```

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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