

Converting Colors

$Y_{xy}(28.8107, 0.3517, 0.3752)$

Have a look what the booklet for
Yxy(28.8107, 0.3517, 0.3752)
contains.

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Color

Yxy(28.8107, 0.3517, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	9B9275
RGB	155, 146, 117
RGB Percent	61%, 57%, 46%
CMY	0.3922, 0.4274, 0.5411
CMYK	0.00, 0.06, 0.25, 0.39
HSL	46°, 16%, 53%
HSV	46°, 25%, 61%
XYZ	27.0062, 28.8107, 20.9707
YIQ	145.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

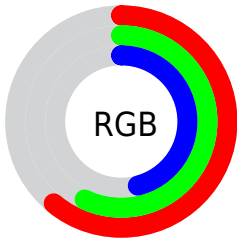
Format	Color
RYB	129, 155, 117
Decimal	10195573
CIELab	60.61, -1.52, 16.59
CIELCh	61, 16.664, 95.249
Yxy	28.8107, 0.3517, 0.3752
Android (android.graphics.Color)	4288385653 (0xFF9B9275)
YUV	145.3850, -13.9938, 8.4324
Hunter-Lab	53.6756, -4.1223, 14.4087

Details

The Yxy color $28.8107, 0.3517, 0.3752$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.0691, 0.2734, 0.2781$, and the grayscale version is $28.5342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8748, 0.3440, 0.3660$, and $11.6790, 0.3636, 0.3914$ is the 20% darker color. If you saturate the color by 10%, you get $27.3649, 0.3693, 0.3946$, and if you desaturate by 10%, it is $30.3557, 0.3350, 0.3559$.

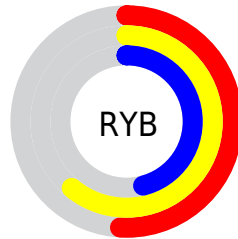
Distribution



Red (61%)

Green (57%)

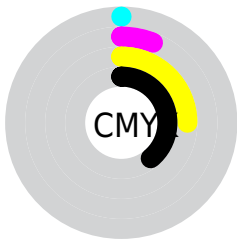
Blue (46%)



Red (51%)

Yellow (61%)

Blue (46%)

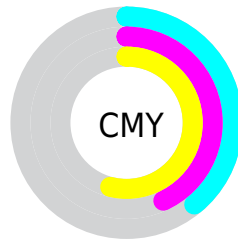


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (39%)



Cyan (39%)


Magenta (43%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8107, 0.3517, 0.3752 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 28.8107, 0.3517, 0.3752 by changing the saturation by 10% instead.


 28.8107, 0.3517,
0.3752


 28.8107, 0.3517,
0.3752


296.3207, 0.3308,
0.3502

 18.9377, 0.3574,
0.3821

 57.7762, 0.3437,
0.3657

 11.6252, 0.3650,
0.3913


 77.6374, 0.3409,
0.3622

 6.4890, 0.3756,
0.4044


 101.5969, 0.3385,
0.3594

 3.1447, 0.3913,
0.4239

130.0389, 0.3364,
0.3570

 1.2077, 0.4538,
0.4971

163.3479, 0.3347,
0.3549

 0.0680, 0.2873,
0.7127

201.9083, 0.3332,

 0.0000, 0.0000,

0.3531

0.0000

246.1044, 0.3319,
0.3516

■ 28.8107, 0.3517,
0.3752

■ 28.8107, 0.3517,
0.3752

■ 27.3649, 0.3693,
0.3946

■ 30.3557, 0.3350,
0.3559

■ 26.0111, 0.3874,
0.4133

■ 31.9992, 0.3193,
0.3372

■ 24.7470, 0.4054,
0.4305

■ 33.7452, 0.3050,
0.3193

■ 23.5688, 0.4226,
0.4453

■ 35.5967, 0.2919,
0.3026

■ 22.4722, 0.4383,
0.4567

■ 37.5562, 0.2800,
0.2870

■ 21.4522, 0.4517,
0.4639

■ 39.6262, 0.2694,
0.2726

■ 20.5029, 0.4623,
0.4665

■ 41.8093, 0.2598,
0.2595

■ 20.0029, 0.4676,
0.4669

■ 44.1076, 0.2512,
0.2474

■ 46.4264, 0.2443,
0.2379

Harmonies

Analogous

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



28.8107, 0.3656, 0.3613



28.8107, 0.3517, 0.3752



28.8107, 0.3275, 0.3766

Triad

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



28.8107, 0.3517, 0.3752



28.8107, 0.2633, 0.3143



28.8107, 0.3238, 0.2978

Complementary

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



28.8107, 0.3517, 0.3752



21.0691, 0.2734, 0.2781

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.



28.8107, 0.2962, 0.2859



28.8107, 0.3517, 0.3752



28.8107, 0.2623, 0.2942

Square

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



28.8107, 0.3517, 0.3752



28.8107, 0.2768, 0.3400



28.8107, 0.2740, 0.2844



28.8107, 0.3493, 0.3172

Rectangle

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



28.8107, 0.3517, 0.3752



28.8107, 0.3092, 0.3693



28.8107, 0.2740, 0.2844



28.8107, 0.3144, 0.2929

Sweetspot

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



28.8120, 0.3517, 0.3752



56.5235, 0.3233, 0.3420



21.2124, 0.3500, 0.3136



12.7579, 0.3242, 0.3430



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.



28.8120, 0.3517, 0.3752



50.2740, 0.3605, 0.3850



30.7883, 0.3385, 0.3905



6.9752, 0.3266, 0.3459



16.1293, 0.4671, 0.4673



0.2950, 0.4424, 0.4870

Inverse Universe

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



21.0691, 0.2734, 0.2781



34.1425, 0.2644, 0.2658



19.5659, 0.2824, 0.2637



6.2518, 0.2988, 0.3115



2.9980, 0.1582, 0.0895



0.0939, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 28.8107, 0.3517, 0.3752 looks on a white background.

Color Contrast Check

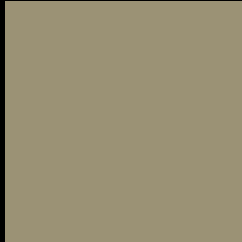
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8107, 0.3517, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

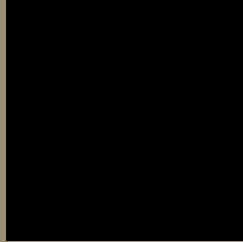
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

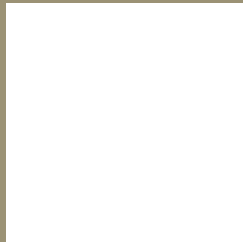
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.8107, 0.3517, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 28.8107, 0.3517, 0.3752.



This preview shows how white text looks on a background with the Yxy color 28.8107, 0.3517, 0.3752.

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

28.8107, 0.3517, 0.3752

Protanopia

28.8107, 0.3517, 0.3752

Deuteranopia

28.6102, 0.3701, 0.3624



Tritanopia

28.6877, 0.3210, 0.3123

Trichromacy



Original Color

28.8107, 0.3517, 0.3752

Protanomaly

28.8107, 0.3517, 0.3752

Deuteranomaly

28.6533, 0.3636, 0.3660

Tritanomaly

28.7781, 0.3330, 0.3353

Monochromacy



Original Color

28.8107, 0.3517, 0.3752

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.3896, 0.3269, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8107, 0.3517, 0.3752 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(155, 146, 117)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 117)  
}
```

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(155, 146, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 117) }
```

Border

The CSS property to change the border of an element to Yxy 28.8107, 0.3517, 0.3752 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(155, 146, 117) }
```

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

```
.border{ border-color:rgb(155, 146, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 117);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8107, 0.3517, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 117) }
```

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

```
.background{ background-color: rgb(155,  
146, 117) }
```

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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