

Converting Colors

$Y_{xy}(36.6950, 0.3517, 0.3513)$

Have a look what the booklet for
Yxy(36.6950, 0.3517, 0.3513)
contains.

Yxy(36.8467, 0.3517, 0.3513)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.8467, 0.3517, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	B79F8F
RGB	183, 159, 143
RGB Percent	72%, 62%, 56%
CMY	0.2822, 0.3765, 0.4392
CMYK	0.00, 0.13, 0.22, 0.28
HSL	24°, 22%, 64%
HSV	24°, 22%, 72%
XYZ	36.8887, 36.8467, 31.1514
YIQ	164.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

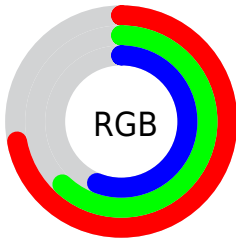
Format	Color
R _Y B	183, 170, 143
Decimal	12033935
CIE Lab	67.16, 6.26, 11.60
CIE LCh	67, 13.178, 61.640
Yxy	36.8467, 0.3517, 0.3513
Android (android.graphics.Color)	4290224015 (0xFFB79F8F)
YUV	164.3520, -10.5265, 16.3543
Hunter-Lab	60.7015, 2.2479, 12.0640

Details

The Yxy color **36.8467, 0.3517, 0.3513** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9054, 0.2790, 0.3056**, and the grayscale version is **37.3468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4751, 0.3435, 0.3473**, and **16.2613, 0.3642, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **32.7260, 0.3741, 0.3621**, and if you desaturate by 10%, it is **41.3971, 0.3323, 0.3408**.

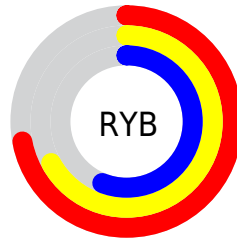
Distribution



Red (72%)

Green (62%)

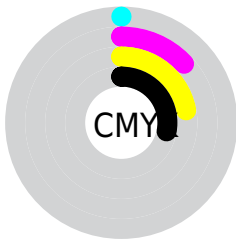
Blue (56%)



Red (72%)

Yellow (67%)

Blue (56%)

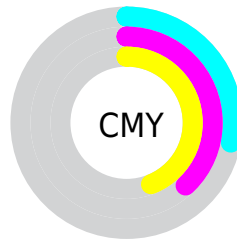


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8467, 0.3517, 0.3513 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 36.8467, 0.3517, 0.3513 by changing the saturation by 10% instead.


 36.8467, 0.3517,
0.3513


 36.8467, 0.3517,
0.3513


332.6463, 0.3313,
0.3400

 25.0888, 0.3571,
0.3542


 70.3369, 0.3441,
0.3471

 16.1432, 0.3642,
0.3579


 92.8381, 0.3413,
0.3456

 9.6256, 0.3739,
0.3628


119.6891, 0.3390,
0.3443

 5.1514, 0.3881,
0.3697

151.2744, 0.3370,
0.3432

 2.3364, 0.4106,
0.3799

187.9784, 0.3353,
0.3422

 0.7929, 0.5179,
0.4522


230.1855, 0.3338,

 0.0000, 0.0000,

0.3414


0.0000


278.2800, 0.3325,
0.3406


 36.8467, 0.3517,
0.3513


 36.8467, 0.3517,
0.3513


 32.7260, 0.3741,
0.3621


 41.3971, 0.3323,
0.3408


 29.0170, 0.3997,
0.3728


 46.3846, 0.3156,
0.3308

 25.7075, 0.4282,
0.3827

 51.8230, 0.3012,
0.3215

 22.7828, 0.4592,
0.3908

 57.7235, 0.2889,
0.3129

 20.2271, 0.4912,
0.3959

 64.0973, 0.2784,
0.3051

■ 18.0235, 0.5223,
0.3967

■ 70.9549, 0.2693,
0.2979

■ 16.1528, 0.5500,
0.3924

■ 77.2250, 0.2694,
0.3080

■ 14.8568, 0.5696,
0.3859

■ 83.7439, 0.2707,
0.3201

■ 88.8106, 0.2716,
0.3289

Harmonies

Analogous

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



36.8467, 0.3497, 0.3354



36.8467, 0.3517, 0.3513



36.8467, 0.3429, 0.3619

Triad

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



36.8467, 0.3517, 0.3513



36.8467, 0.2883, 0.3393



36.8467, 0.2985, 0.2966

Complementary

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



36.8467, 0.3517, 0.3513



36.9054, 0.2790, 0.3056

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.



36.8467, 0.2829, 0.2967



36.8467, 0.3517, 0.3513



36.8467, 0.2771, 0.3207

Square

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



36.8467, 0.3517, 0.3513



36.8467, 0.3061, 0.3554



36.8467, 0.2752, 0.3052



36.8467, 0.3185, 0.3046

Rectangle

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



36.8467, 0.3517, 0.3513



36.8467, 0.3323, 0.3643



36.8467, 0.2752, 0.3052



36.8467, 0.2926, 0.2957

Sweetspot

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



36.8484, 0.3517, 0.3513



78.2664, 0.3240, 0.3359



32.5288, 0.3303, 0.2952



17.1698, 0.3250, 0.3365



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.8484, 0.3517, 0.3513



62.5173, 0.3615, 0.3562



44.0362, 0.3464, 0.3768



9.5856, 0.3278, 0.3382



10.4877, 0.5675, 0.3876



0.4918, 0.5205, 0.4249

Inverse Universe

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



36.9054, 0.2790, 0.3056



62.6330, 0.2720, 0.3001



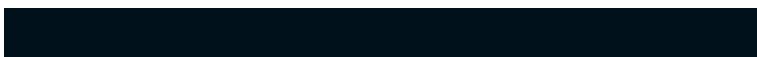
30.3336, 0.2770, 0.2762



9.5919, 0.2985, 0.3196



10.2793, 0.1873, 0.1943



0.4800, 0.1980, 0.2329

Previews

White Background



This preview shows how the Yxy color 36.8467, 0.3517, 0.3513 looks on a white background.

Color Contrast Check

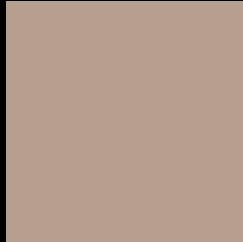
Large Text (above 18pt) WCAG AA × Fail

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 36.8467, 0.3517, 0.3513 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 36.8467, 0.3517, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 36.8467, 0.3517, 0.3513.



This preview shows how white text looks on a background with the Yxy color 36.8467, 0.3517, 0.3513.

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

36.8467, 0.3517, 0.3513

Protanopia

36.8966, 0.3367, 0.3549

Deuteranopia

37.0017, 0.3561, 0.3497



Tritanopia

36.7089, 0.3313, 0.3116

Trichromacy



Original Color

36.8467, 0.3517, 0.3513

Protanomaly

36.9682, 0.3418, 0.3546

Deuteranomaly

36.8760, 0.3550, 0.3497

Tritanomaly

36.5944, 0.3388, 0.3250

Monochromacy



Original Color

36.8467, 0.3517, 0.3513

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.8989, 0.3267, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8467, 0.3517, 0.3513 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(183, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 143)  
}
```

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(183, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 143) }
```

Border

The CSS property to change the border of an element to Yxy 36.8467, 0.3517, 0.3513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

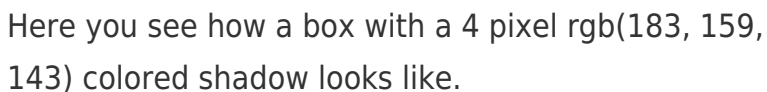
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 159, 143) }
```

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

```
.border{ border-color:rgb(183, 159, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 159, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 159, 143); box-shadow:4px 4px 4px 4px rgb(183, 159, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8467, 0.3517, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 143) }
```

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

```
.background{ background-color: rgb(183,  
159, 143) }
```

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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