

Converting Colors

$Yxy(40.4118, 0.3637, 0.3513)$

Have a look what the booklet for
Yxy(40.4118, 0.3637, 0.3513)
contains.

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Color

Yxy(40.4118, 0.3637, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	C7A392
RGB	199, 163, 146
RGB Percent	78%, 64%, 57%
CMY	0.2196, 0.3608, 0.4275
CMYK	0.00, 0.18, 0.27, 0.22
HSL	19°, 32%, 68%
HSV	19°, 27%, 78%
XYZ	41.8382, 40.4118, 32.7850
YIQ	171.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

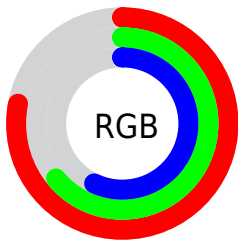
Format	Color
R _Y B	199, 171, 146
Decimal	13083538
CIE Lab	69.76, 10.69, 13.81
CIE LCh	70, 17.465, 52.279
Yxy	40.4118, 0.3637, 0.3513
Android (android.graphics.Color)	4291273618 (0xFFC7A392)
YUV	171.8260, -12.7322, 23.8316
Hunter-Lab	63.5703, 6.2303, 13.9217

Details

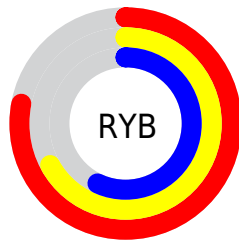
The Yxy color $40.4118, 0.3637, 0.3513$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $43.6842, 0.2720, 0.3055$, and the grayscale version is $41.2184, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5729, 0.3528, 0.3475$, and $18.1244, 0.3798, 0.3576$ is the 20% darker color. If you saturate the color by 10%, you get $35.3021, 0.3892, 0.3601$, and if you desaturate by 10%, it is $46.1458, 0.3419, 0.3426$.

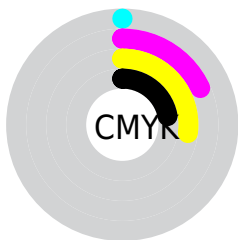
Distribution



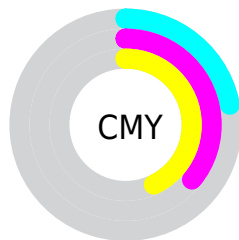
- Red (78%)
- Green (64%)
- Blue (57%)



- Red (78%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4118, 0.3637, 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 40.4118, 0.3637, 0.3513 by changing the saturation by 10% instead.


 40.4118, 0.3637,
0.3513


 40.4118, 0.3637,
0.3513


347.8562, 0.3374,
0.3404

 27.8598, 0.3705,
0.3539


 75.7902, 0.3540,
0.3474

 18.2200, 0.3794,
0.3572


 99.3853, 0.3504,
0.3459

 11.1080, 0.3914,
0.3615


127.4303, 0.3473,
0.3447

 6.1395, 0.4087,
0.3670

160.3094, 0.3448,
0.3436

 2.9301, 0.4351,
0.3744

198.4072, 0.3425,
0.3426

 1.0954, 0.5122,
0.4091

242.1080, 0.3406,


 0.0000, 1.0000,


0.3418


0.0000

291.7962, 0.3389,
0.3410


 0.0000, 0.0000,
0.0000


 40.4118, 0.3637,
0.3513


 40.4118, 0.3637,
0.3513


 35.3021, 0.3892,
0.3601


 46.1458, 0.3419,
0.3426


 30.7895, 0.4185,
0.3685

 52.5190, 0.3234,
0.3342

 26.8529, 0.4514,
0.3758

 59.5528, 0.3077,
0.3264

 23.4678, 0.4869,
0.3807

 67.2659, 0.2945,
0.3193

 20.6076, 0.5227,
0.3822

 75.6762, 0.2833,
0.3127

■ 18.2433, 0.5560,
0.3791

■ 84.1133, 0.2791,
0.3174

■ 16.3417, 0.5835,
0.3713

■ 90.8823, 0.2800,
0.3289

■ 15.7948, 0.5918,
0.3683

Harmonies

Analogous

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



40.4118, 0.3567, 0.3301



40.4118, 0.3637, 0.3513



40.4118, 0.3564, 0.3679

Triad

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



40.4118, 0.3637, 0.3513



40.4118, 0.2877, 0.3495



40.4118, 0.2873, 0.2866

Complementary

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



40.4118, 0.3637, 0.3513



43.6842, 0.2720, 0.3055

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.



40.4118, 0.2703, 0.2898



40.4118, 0.3637, 0.3513



40.4118, 0.2705, 0.3254

Square

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



40.4118, 0.3637, 0.3513



40.4118, 0.3120, 0.3680



40.4118, 0.2643, 0.3036



40.4118, 0.3118, 0.2938

Rectangle

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



40.4118, 0.3637, 0.3513



40.4118, 0.3446, 0.3737



40.4118, 0.2643, 0.3036



40.4118, 0.2806, 0.2865

Sweetspot

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



40.4137, 0.3637, 0.3513



90.2332, 0.3259, 0.3354



36.0835, 0.3318, 0.2830



18.9387, 0.3286, 0.3367



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



40.4137, 0.3637, 0.3513



65.4120, 0.3781, 0.3565



50.7343, 0.3554, 0.3837



11.1835, 0.3282, 0.3365



10.2979, 0.5893, 0.3703



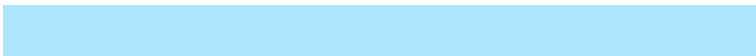
0.6197, 0.5479, 0.4032

Inverse Universe

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



43.6842, 0.2720, 0.3055



72.0829, 0.2632, 0.2996



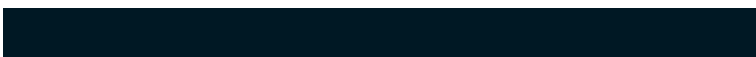
33.9132, 0.2684, 0.2677



11.4713, 0.2984, 0.3214



13.9807, 0.1949, 0.2217



0.7888, 0.2019, 0.2467

Previews

White Background



This preview shows how the Yxy color 40.4118, 0.3637, 0.3513 looks on a white background.

Color Contrast Check

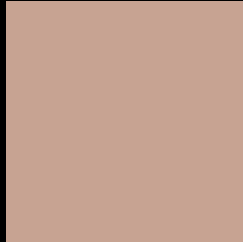
Large Text (above 18pt) WCAG AA × Fail

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 40.4118, 0.3637, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

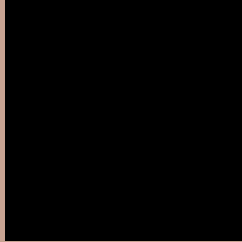
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4118, 0.3637, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 40.4118, 0.3637, 0.3513.



This preview shows how white text looks on a background with the Yxy color 40.4118, 0.3637, 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

40.4118, 0.3637, 0.3513

Protanopia

40.5352, 0.3385, 0.3566

Deuteranopia

40.3620, 0.3604, 0.3528



Tritanopia

40.3314, 0.3426, 0.3126

Trichromacy



Original Color

40.4118, 0.3637, 0.3513

Protanomaly

40.2465, 0.3469, 0.3535

Deuteranomaly

40.4966, 0.3614, 0.3527

Tritanomaly

40.2035, 0.3501, 0.3253

Monochromacy



Original Color

40.4118, 0.3637, 0.3513

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9654, 0.3300, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4118, 0.3637, 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(199, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(199, 163, 146)  
}
```

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(199, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 163, 146) }
```

Border

The CSS property to change the border of an element to Yxy 40.4118, 0.3637, 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(199, 163, 146) }
```

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

```
.border{ border-color:rgb(199, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(199, 163,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4118, 0.3637, 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(199, 163, 146) }
```

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

```
.background{ background-color: rgb(199,  
163, 146) }
```

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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