

Converting Colors

$Yxy(37.8150, 0.3619, 0.3515)$

Have a look what the booklet for
Yxy(37.8150, 0.3619, 0.3515)
contains.

Yxy(37.9557, 0.3618, 0.3520)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.9557, 0.3618, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	C09F8E
RGB	192, 159, 142
RGB Percent	75%, 62%, 56%
CMY	0.2472, 0.3764, 0.4431
CMYK	0.00, 0.17, 0.26, 0.25
HSL	20°, 28%, 65%
HSV	20°, 26%, 75%
XYZ	39.0124, 37.9557, 30.8606
YIQ	166.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

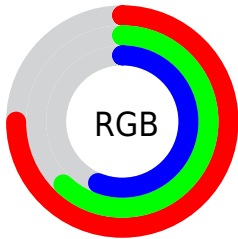
Format	Color
R_{YB}	192, 168, 142
Decimal	12623758
CIE Lab	67.99, 9.57, 13.43
CIE LCh	68, 16.492, 54.537
Yxy	37.9557, 0.3618, 0.3520
Android (android.graphics.Color)	4290813838 (0xFFC09F8E)
YUV	166.9290, -12.2900, 21.9873
Hunter-Lab	61.6082, 5.2180, 13.4264

Details

The Yxy color **37.9557, 0.3618, 0.3520** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1951, 0.2728, 0.3048**, and the grayscale version is **38.6585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2184, 0.3520, 0.3479**, and **16.9011, 0.3772, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **33.2959, 0.3866, 0.3613**, and if you desaturate by 10%, it is **43.1642, 0.3405, 0.3428**.

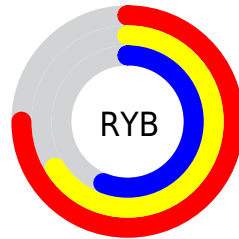
Distribution



Red (75%)

Green (62%)

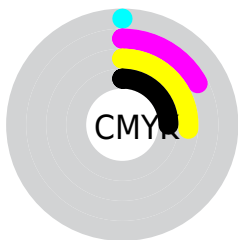
Blue (56%)



Red (75%)

Yellow (66%)

Blue (56%)

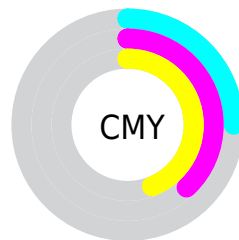


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9557, 0.3618, 0.3520 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 37.9557, 0.3618, 0.3520 by changing the saturation by 10% instead.


 37.9557, 0.3618,
0.3520


 37.9557, 0.3618,
0.3520


337.4299, 0.3362,
0.3406


 25.9483, 0.3685,
0.3548


 72.0402, 0.3523,
0.3479

 16.7850, 0.3773,
0.3584


 94.8862, 0.3488,
0.3463

 10.0813, 0.3894,
0.3630


 122.1137, 0.3458,
0.3450

 5.4529, 0.4068,
0.3692

154.1073, 0.3433,
0.3439

 2.5154, 0.4340,
0.3777

191.2513, 0.3412,
0.3429

 0.8843, 0.5469,
0.4412

233.9302, 0.3393,

 0.0000, 1.0000,

0.3420

0.0000

282.5282, 0.3377,
0.3412

0.0000, 0.0000,
0.0000

37.9557, 0.3618,
0.3520

37.9557, 0.3618,
0.3520

33.2959, 0.3866,
0.3613

43.1642, 0.3405,
0.3428

29.1611, 0.4151,
0.3703

48.9337, 0.3223,
0.3340

25.5336, 0.4470,
0.3781

55.2826, 0.3069,
0.3258

22.3924, 0.4814,
0.3837

62.2269, 0.2938,
0.3182

19.7151, 0.5163,
0.3858

69.7819, 0.2827,
0.3113

■ 17.4770, 0.5490,
0.3834

■ 77.8212, 0.2743,
0.3073

■ 15.6503, 0.5764,
0.3761

■ 85.3283, 0.2755,
0.3210

■ 15.0266, 0.5863,
0.3727

■ 89.9421, 0.2762,
0.3289

Harmonies

Analogous

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



37.9557, 0.3561, 0.3317



37.9557, 0.3618, 0.3520



37.9557, 0.3538, 0.3674

Triad

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



37.9557, 0.3618, 0.3520



37.9557, 0.2871, 0.3471



37.9557, 0.2898, 0.2883

Complementary

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



37.9557, 0.3618, 0.3520



40.1951, 0.2728, 0.3048

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.



37.9557, 0.2727, 0.2906



37.9557, 0.3618, 0.3520



37.9557, 0.2711, 0.3238

Square

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



37.9557, 0.3618, 0.3520



37.9557, 0.3102, 0.3656



37.9557, 0.2660, 0.3032



37.9557, 0.3137, 0.2959

Rectangle

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



37.9557, 0.3618, 0.3520



37.9557, 0.3420, 0.3724



37.9557, 0.2660, 0.3032



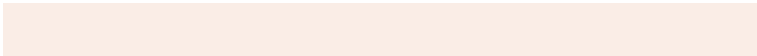
37.9557, 0.2831, 0.2879

Sweetspot

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



37.9574, 0.3618, 0.3520



86.4181, 0.3259, 0.3358



33.6554, 0.3320, 0.2853



18.1915, 0.3285, 0.3371



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



37.9574, 0.3618, 0.3520



64.0627, 0.3749, 0.3571



47.2862, 0.3540, 0.3833



10.6262, 0.3281, 0.3369



10.2461, 0.5840, 0.3745



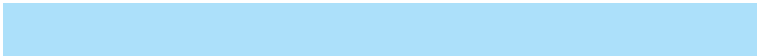
0.5719, 0.5403, 0.4092

Inverse Universe

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



40.1951, 0.2728, 0.3048



68.7665, 0.2646, 0.2989



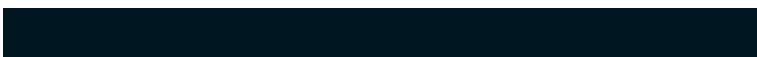
31.4724, 0.2695, 0.2682



10.8320, 0.2984, 0.3210



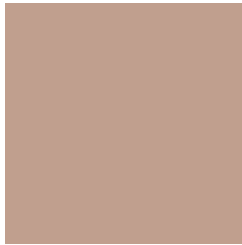
12.8556, 0.1930, 0.2149



0.6791, 0.2009, 0.2433

Previews

White Background



This preview shows how the Yxy color 37.9557, 0.3618, 0.3520 looks on a white background.

Color Contrast Check

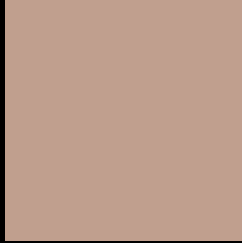
Large Text (above 18pt) WCAG AA × Fail

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 37.9557, 0.3618, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

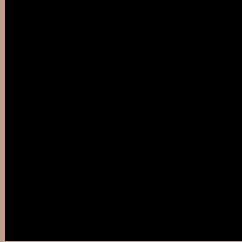
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9557, 0.3618, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 37.9557, 0.3618, 0.3520.



This preview shows how white text looks on a background with the Yxy color 37.9557, 0.3618, 0.3520.

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

37.9557, 0.3618, 0.3520

Protanopia

37.9533, 0.3392, 0.3574

Deuteranopia

38.0418, 0.3595, 0.3535



Tritanopia

37.8348, 0.3413, 0.3134

Trichromacy



Original Color

37.9557, 0.3618, 0.3520

Protanomaly

38.0318, 0.3476, 0.3555

Deuteranomaly

38.1710, 0.3605, 0.3534

Tritanomaly

37.7149, 0.3489, 0.3265

Monochromacy



Original Color

37.9557, 0.3618, 0.3520

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2496, 0.3295, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9557, 0.3618, 0.3520 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(192, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 142)  
}
```

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(192, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 142) }
```

Border

The CSS property to change the border of an element to Yxy 37.9557, 0.3618, 0.3520 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(192, 159, 142) }
```

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

```
.border{ border-color:rgb(192, 159, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9557, 0.3618, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 142) }
```

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

```
.background{ background-color: rgb(192,  
159, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor