

Converting Colors

$Yxy(38.1517, 0.3599, 0.3432)$

Have a look what the booklet for
Yxy(38.1517, 0.3599, 0.3432)
contains.

Yxy(38.1624, 0.3603, 0.3437)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.1624, 0.3603, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	C39E93
RGB	195, 158, 147
RGB Percent	76%, 62%, 58%
CMY	0.2352, 0.3804, 0.4235
CMYK	0.00, 0.19, 0.25, 0.24
HSL	14°, 29%, 67%
HSV	14°, 25%, 76%
XYZ	40.0056, 38.1624, 32.8661
YIQ	167.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

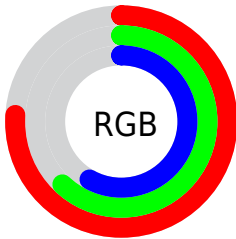
Format	Color
R _Y B	195, 161, 147
Decimal	12820115
CIE Lab	68.14, 12.04, 10.91
CIE LCh	68, 16.246, 42.180
Yxy	38.1624, 0.3603, 0.3437
Android (android.graphics.Color)	4291010195 (0xFFC39E93)
YUV	167.8090, -10.2588, 23.8465
Hunter-Lab	61.7757, 7.4879, 11.6994

Details

The Yxy color **38.1624, 0.3603, 0.3437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4482, 0.2756, 0.3138**, and the grayscale version is **39.1035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5010, 0.3508, 0.3415**, and **17.0226, 0.3764, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **32.7812, 0.3865, 0.3501**, and if you desaturate by 10%, it is **44.2792, 0.3384, 0.3375**.

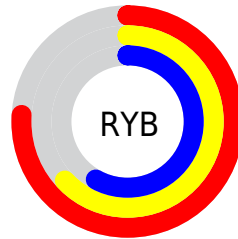
Distribution



Red (76%)

Green (62%)

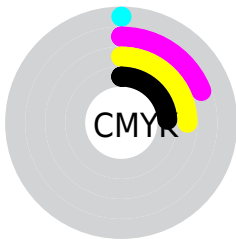
Blue (58%)



Red (76%)

Yellow (63%)

Blue (58%)

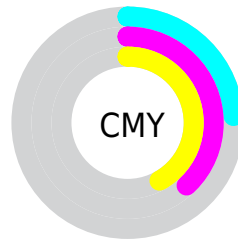


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1624, 0.3603, 0.3437 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 38.1624, 0.3603, 0.3437 by changing the saturation by 10% instead.


 38.1624, 0.3603,
0.3437


 38.1624, 0.3603,
0.3437


338.3161, 0.3355,
0.3365

 26.1088, 0.3668,
0.3454


 72.3570, 0.3511,
0.3412

 16.9050, 0.3754,
0.3475

 95.2667, 0.3477,
0.3402

 10.1668, 0.3871,
0.3502


122.5639, 0.3448,
0.3394

 5.5097, 0.4041,
0.3537

154.6330, 0.3424,
0.3386

 2.5493, 0.4310,
0.3582

191.8584, 0.3403,
0.3380

 0.9012, 0.5151,
0.3902

234.6244, 0.3385,

 0.0000, 1.0000,

0.3375

0.0000

283.3155, 0.3369,
0.3370

0.0000, 0.0000,
0.0000

38.1624, 0.3603,
0.3437

38.1624, 0.3603,
0.3437

32.7812, 0.3865,
0.3501

44.2792, 0.3384,
0.3375

28.1025, 0.4173,
0.3561

51.1526, 0.3201,
0.3316

24.0983, 0.4526,
0.3614

58.8094, 0.3049,
0.3261

20.7370, 0.4916,
0.3649

67.2733, 0.2922,
0.3211

17.9840, 0.5317,
0.3656

76.5673, 0.2816,
0.3165

■ 15.8015, 0.5692,
0.3627

■ 86.1177, 0.2773,
0.3218

■ 14.1468, 0.5995,
0.3559

■ 90.3462, 0.2779,
0.3289

■ 13.4521, 0.6127,
0.3517

Harmonies

Analogous

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



38.1624, 0.3493, 0.3232



38.1624, 0.3603, 0.3437



38.1624, 0.3579, 0.3615

Triad

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



38.1624, 0.3603, 0.3437



38.1624, 0.2963, 0.3553



38.1624, 0.2822, 0.2886

Complementary

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



38.1624, 0.3603, 0.3437



44.4482, 0.2756, 0.3138

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.



38.1624, 0.2692, 0.2952



38.1624, 0.3603, 0.3437



38.1624, 0.2771, 0.3335

Square

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



38.1624, 0.3603, 0.3437



38.1624, 0.3204, 0.3694



38.1624, 0.2674, 0.3113



38.1624, 0.3036, 0.2922

Rectangle

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



38.1624, 0.3603, 0.3437



38.1624, 0.3492, 0.3692



38.1624, 0.2674, 0.3113



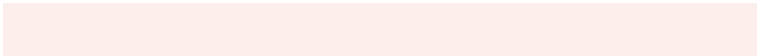
38.1624, 0.2767, 0.2897

Sweetspot

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



38.1642, 0.3603, 0.3437



88.3920, 0.3243, 0.3330



35.9647, 0.3253, 0.2808



19.1866, 0.3254, 0.3334



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.



38.1642, 0.3603, 0.3437



62.5401, 0.3751, 0.3474



46.9343, 0.3533, 0.3735



10.4432, 0.3283, 0.3343



8.8473, 0.6105, 0.3535



0.4904, 0.5662, 0.3887

Inverse Universe

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



44.4482, 0.2756, 0.3138



75.8637, 0.2672, 0.3097



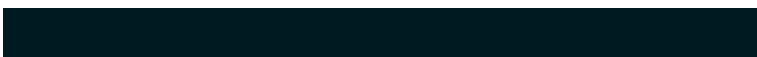
35.5021, 0.2727, 0.2801



11.0252, 0.2984, 0.3236



16.9557, 0.2040, 0.2543



0.8305, 0.2091, 0.2729

Previews

White Background



This preview shows how the Yxy color 38.1624, 0.3603, 0.3437 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 38.1624, 0.3603, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

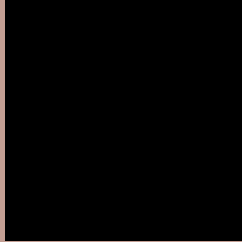
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1624, 0.3603, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 38.1624, 0.3603, 0.3437.



This preview shows how white text looks on a background with the Yxy color 38.1624, 0.3603, 0.3437.

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

38.1624, 0.3603, 0.3437

Protanopia

38.3910, 0.3326, 0.3502

Deuteranopia

38.1953, 0.3546, 0.3466



Tritanopia

38.1030, 0.3433, 0.3135

Trichromacy



Original Color

38.1624, 0.3603, 0.3437

Protanomaly

38.2202, 0.3420, 0.3471

Deuteranomaly

38.1093, 0.3569, 0.3452

Tritanomaly

38.0508, 0.3490, 0.3239

Monochromacy



Original Color

38.1624, 0.3603, 0.3437

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5540, 0.3296, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1624, 0.3603, 0.3437 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(195, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(195, 158, 147)  
}
```

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(195, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 158, 147) }
```

Border

The CSS property to change the border of an element to Yxy 38.1624, 0.3603, 0.3437 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(195, 158, 147) }
```

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

```
.border{ border-color:rgb(195, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 158, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 158, 147);  
box-shadow:4px 4px 4px 4px rgb(195, 158,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1624, 0.3603, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 158, 147) }
```

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

```
.background{ background-color: rgb(195,  
158, 147) }
```

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