

Converting Colors

$Y_{xy}(38.1201, 0.3727, 0.3528)$

Have a look what the booklet for
Yxy(38.1201, 0.3727, 0.3528)
contains.

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Color

Yxy(38.1201, 0.3727, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C79D8B
RGB	199, 157, 139
RGB Percent	78%, 62%, 55%
CMY	0.2196, 0.3843, 0.4549
CMYK	0.00, 0.21, 0.30, 0.22
HSL	18°, 35%, 66%
HSV	18°, 30%, 78%
XYZ	40.2703, 38.1201, 29.6598
YIQ	167.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

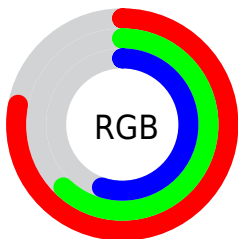
Format	Color
R _{YB}	199, 165, 139
Decimal	13081995
CIE _{Lab}	68.11, 13.00, 15.37
CIE _{LCh}	68, 20.127, 49.776
Yxy	38.1201, 0.3727, 0.3528
Android (android.graphics.Color)	4291272075 (0xFFC79D8B)
YUV	167.5060, -14.0535, 27.6202
Hunter-Lab	61.7415, 8.3774, 14.7369

Details

The Yxy color $38.1201, 0.3727, 0.3528$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $42.6572, 0.2669, 0.3038$, and the grayscale version is $38.9628, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.1972, 0.3593, 0.3487$, and $16.9586, 0.3913, 0.3595$ is the 20% darker color. If you saturate the color by 10%, you get $33.1446, 0.4000, 0.3610$, and if you desaturate by 10%, it is $43.7423, 0.3494, 0.3446$.

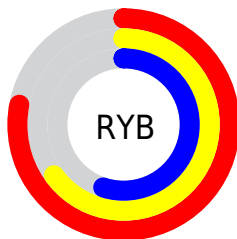
Distribution



Red (78%)

Green (62%)

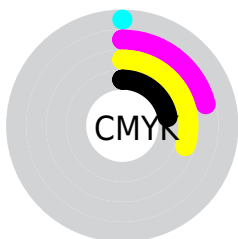
Blue (55%)



Red (78%)

Yellow (65%)

Blue (55%)

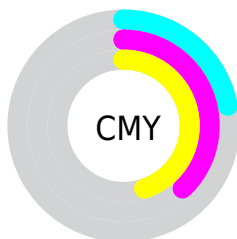


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1201, 0.3727, 0.3528 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 38.1201, 0.3727, 0.3528 by changing the saturation by 10% instead.


 38.1201, 0.3727,
0.3528


 38.1201, 0.3727,
0.3528


338.1349, 0.3415,
0.3412


 26.0759, 0.3809,
0.3555


 72.2922, 0.3611,
0.3487

 16.8804, 0.3916,
0.3590


 95.1889, 0.3568,
0.3471

 10.1493, 0.4063,
0.3633


 122.4718, 0.3532,
0.3458

 5.4981, 0.4273,
0.3687

154.5255, 0.3501,
0.3446

 2.5423, 0.4600,
0.3753

191.7342, 0.3475,
0.3436

 0.8978, 0.5751,
0.4249

234.4825, 0.3452,

 0.0000, 1.0000,

0.3427

0.0000

283.1545, 0.3432,
0.3419

■ 0.0000, 0.0000,
0.0000

■ 38.1201, 0.3727,
0.3528

■ 38.1201, 0.3727,
0.3528

■ 33.1446, 0.4000,
0.3610

■ 43.7423, 0.3494,
0.3446

■ 28.7868, 0.4313,
0.3686

■ 50.0284, 0.3296,
0.3366

■ 25.0232, 0.4661,
0.3746


■ 57.0013, 0.3129,
0.3291


■ 21.8267, 0.5029,
0.3780


■ 64.6814, 0.2989,
0.3222

■ 19.1679, 0.5392,
0.3777


■ 73.0883, 0.2871,
0.3159

 17.0142, 0.5714,
0.3727

 82.0197, 0.2788,
0.3136

 15.3451, 0.5970,
0.3642

 90.5635, 0.2799,
0.3284

 90.8823, 0.2800,
0.3289

Harmonies

Analogous

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



38.1201, 0.3631, 0.3279



38.1201, 0.3727, 0.3528



38.1201, 0.3653, 0.3732

Triad

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



38.1201, 0.3727, 0.3528



38.1201, 0.2854, 0.3554



38.1201, 0.2808, 0.2794

Complementary

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



38.1201, 0.3727, 0.3528



42.6572, 0.2669, 0.3038

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.



38.1201, 0.2620, 0.2840



38.1201, 0.3727, 0.3528



38.1201, 0.2645, 0.3269

Square

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



38.1201, 0.3727, 0.3528



38.1201, 0.3142, 0.3765



38.1201, 0.2562, 0.3008



38.1201, 0.3089, 0.2869

Rectangle

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



38.1201, 0.3727, 0.3528



38.1201, 0.3520, 0.3811



38.1201, 0.2562, 0.3008



38.1201, 0.2733, 0.2796

Sweetspot

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



38.1219, 0.3727, 0.3528



88.7855, 0.3278, 0.3358



33.9428, 0.3339, 0.2756



18.6361, 0.3304, 0.3369



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.



38.1219, 0.3727, 0.3528



61.0644, 0.3896, 0.3581



49.5471, 0.3618, 0.3898



11.1473, 0.3282, 0.3360



10.0025, 0.5945, 0.3661



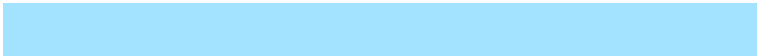
0.6025, 0.5526, 0.3994

Inverse Universe

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



42.6572, 0.2669, 0.3038



70.2121, 0.2576, 0.2976



31.7447, 0.2620, 0.2597



11.5093, 0.2984, 0.3219



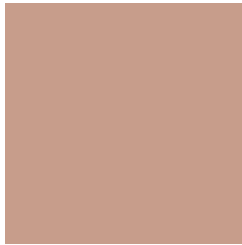
14.7362, 0.1970, 0.2291



0.8202, 0.2034, 0.2524

Previews

White Background



This preview shows how the Yxy color 38.1201, 0.3727, 0.3528 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 38.1201, 0.3727, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

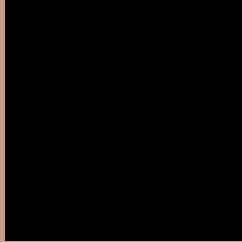
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1201, 0.3727, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 38.1201, 0.3727, 0.3528.



This preview shows how white text looks on a background with the Yxy color 38.1201, 0.3727, 0.3528.

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

38.1201, 0.3727, 0.3528

Protanopia

38.2543, 0.3408, 0.3617

Deuteranopia

38.1831, 0.3654, 0.3587



Tritanopia

38.0556, 0.3507, 0.3137

Trichromacy



Original Color

38.1201, 0.3727, 0.3528

Protanomaly

38.2147, 0.3515, 0.3581

Deuteranomaly

38.2334, 0.3688, 0.3571

Tritanomaly

37.9290, 0.3585, 0.3265

Monochromacy



Original Color

38.1201, 0.3727, 0.3528

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5689, 0.3333, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1201, 0.3727, 0.3528 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, 157, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 139)  
}
```

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, 157, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.1201, 0.3727, 0.3528 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, 157, 139) }
```

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

```
.border{ border-color:rgb(199, 157, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 157, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 157, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 157, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 157,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1201, 0.3727, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 139) }
```

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

```
.background{ background-color: rgb(199,  
157, 139) }
```

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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