

Converting Colors

$Yxy(37.8296, 0.3834, 0.3358)$

Have a look what the booklet for
Yxy(37.8296, 0.3834, 0.3358)
contains.

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Color

Yxy(37.8541, 0.3826, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	D49691
RGB	212, 150, 145
RGB Percent	83%, 59%, 57%
CMY	0.1686, 0.4117, 0.4315
CMYK	0.00, 0.29, 0.32, 0.17
HSL	5°, 44%, 70%
HSV	5°, 32%, 83%
XYZ	43.1683, 37.8541, 31.8065
YIQ	167.9680, 38.5570, 11.5890

Conversions

Conversions Part 2

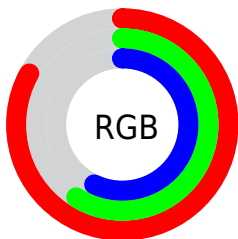
Format	Color
R _Y B	212, 150, 145
Decimal	13932177
CIE Lab	67.91, 22.64, 11.97
CIE LCh	68, 25.615, 27.871
Yxy	37.8541, 0.3826, 0.3355
Android (android.graphics.Color)	4292122257 (0xFFD49691)
YUV	167.9680, -11.3232, 38.6161
Hunter-Lab	61.5257, 17.5712, 12.4173

Details

The Yxy color **37.8541, 0.3826, 0.3355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.3832, 0.2669, 0.3223**, and the grayscale version is **39.1841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0462, 0.3564, 0.3353**, and **16.8178, 0.4043, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **31.5186, 0.4157, 0.3376**, and if you desaturate by 10%, it is **45.3623, 0.3553, 0.3333**.

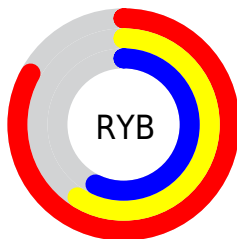
Distribution



Red (83%)

Green (59%)

Blue (57%)



Red (83%)

Yellow (59%)

Blue (57%)

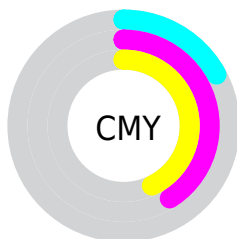


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (41%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8541, 0.3826, 0.3355 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 37.8541, 0.3826, 0.3355 by changing the saturation by 10% instead.


 37.8541, 0.3826,
0.3355


 37.8541, 0.3826,
0.3355


336.9937, 0.3461,
0.3330

 25.8695, 0.3922,
0.3358


 71.8845, 0.3690,
0.3348

 16.7260, 0.4048,
0.3361


 94.6990, 0.3640,
0.3345

 10.0393, 0.4221,
0.3360


121.8922, 0.3598,
0.3342

 5.4250, 0.4471,
0.3352

153.8487, 0.3562,
0.3339

 2.4987, 0.4862,
0.3320

190.9526, 0.3531,
0.3337

 0.8760, 0.6035,
0.3499

233.5885, 0.3505,


 0.0000, 1.0000,

0.3334


0.0000

282.1407, 0.3482,
0.3332


 0.0000, 0.0000,
0.0000

 37.8541, 0.3826,
0.3355


 37.8541, 0.3826,
0.3355


 31.5186, 0.4157,
0.3376


 45.3623, 0.3553,
0.3333


 26.2916, 0.4549,
0.3394

 54.0926, 0.3332,
0.3313


 22.1108, 0.4991,
0.3405

 64.0980, 0.3153,
0.3293

 18.9058, 0.5451,
0.3405

 75.4268, 0.3008,
0.3275

 16.5972, 0.5873,
0.3391

 88.1250, 0.2890,
0.3259

■ 15.0934, 0.6190,
0.3362

■ 92.7383, 0.2872,
0.3289

■ 14.3667, 0.6352,
0.3338

Harmonies

Analogous

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



37.8541, 0.3560, 0.3051



37.8541, 0.3826, 0.3355



37.8541, 0.3889, 0.3662

Triad

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



37.8541, 0.3826, 0.3355



37.8541, 0.3038, 0.3848



37.8541, 0.2536, 0.2690

Complementary

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



37.8541, 0.3826, 0.3355



55.3832, 0.2669, 0.3223

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.



37.8541, 0.2418, 0.2855



37.8541, 0.3826, 0.3355



37.8541, 0.2695, 0.3533

Square

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



37.8541, 0.3826, 0.3355



37.8541, 0.3419, 0.3980



37.8541, 0.2474, 0.3159



37.8541, 0.2808, 0.2679

Rectangle

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



37.8541, 0.3826, 0.3355



37.8541, 0.3808, 0.3833



37.8541, 0.2474, 0.3159



37.8541, 0.2478, 0.2727

Sweetspot

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



37.8559, 0.3826, 0.3355



85.8060, 0.3283, 0.3307



38.7711, 0.3204, 0.2556



17.9077, 0.3311, 0.3310



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.



37.8559, 0.3826, 0.3355



50.7792, 0.4044, 0.3369



49.8913, 0.3701, 0.3754



12.5691, 0.3289, 0.3308



8.9247, 0.6340, 0.3348



0.5919, 0.6165, 0.3487

Inverse Universe

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



55.3832, 0.2669, 0.3223



81.4628, 0.2585, 0.3207



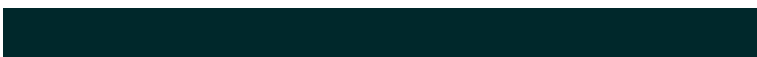
41.0504, 0.2616, 0.2775



13.9407, 0.2983, 0.3272



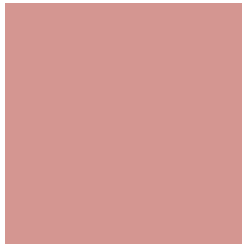
27.3939, 0.2182, 0.3055



1.7009, 0.2194, 0.3098

Previews

White Background



This preview shows how the Yxy color 37.8541, 0.3826, 0.3355 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 37.8541, 0.3826, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

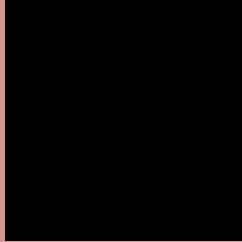
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8541, 0.3826, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 37.8541, 0.3826, 0.3355.



This preview shows how white text looks on a background with the Yxy color 37.8541, 0.3826, 0.3355.

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

37.8541, 0.3826, 0.3355

Protanopia

37.9808, 0.3300, 0.3460

Deuteranopia

38.0719, 0.3585, 0.3521



Tritanopia

37.8291, 0.3694, 0.3155

Trichromacy



Original Color

37.8541, 0.3826, 0.3355

Protanomaly

37.9084, 0.3487, 0.3427

Deuteranomaly

37.7963, 0.3670, 0.3450

Tritanomaly

37.9741, 0.3744, 0.3230

Monochromacy



Original Color

37.8541, 0.3826, 0.3355

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.2182, 0.3360, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8541, 0.3826, 0.3355 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(212, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 145)  
}
```

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(212, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.8541, 0.3826, 0.3355 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(212, 150, 145) }
```

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

```
.border{ border-color:rgb(212, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8541, 0.3826, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 145) }
```

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

```
.background{ background-color: rgb(212,  
150, 145) }
```

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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