

Converting Colors

$Yxy(37.2134, 0.3776, 0.3301)$

Have a look what the booklet for
Yxy(37.2134, 0.3776, 0.3301)
contains.

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Color

Yxy(37.3346, 0.3777, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	D29594
RGB	210, 149, 148
RGB Percent	82%, 58%, 58%
CMY	0.1765, 0.4156, 0.4197
CMYK	0.00, 0.29, 0.30, 0.18
HSL	1°, 41%, 70%
HSV	1°, 30%, 82%
XYZ	42.6665, 37.3346, 32.9629
YIQ	167.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

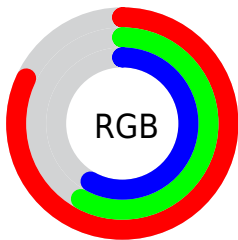
Format	Color
R _Y B	210, 149, 148
Decimal	13800852
CIE Lab	67.53, 22.81, 9.72
CIE LCh	68, 24.795, 23.080
Yxy	37.3346, 0.3777, 0.3305
Android (android.graphics.Color)	4291990932 (0xFFD29594)
YUV	167.1250, -9.4286, 37.6014
Hunter-Lab	61.1020, 17.7149, 10.7861

Details

The Yxy color **37.3346, 0.3777, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.5203, 0.2702, 0.3275**, and the grayscale version is **38.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2361, 0.3544, 0.3302**, and **16.4685, 0.3989, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **30.7659, 0.4107, 0.3311**, and if you desaturate by 10%, it is **45.1855, 0.3508, 0.3300**.

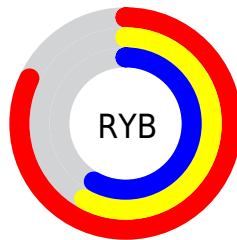
Distribution



Red (82%)

Green (58%)

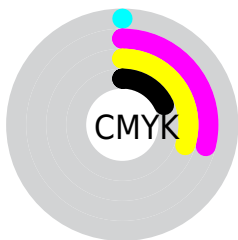
Blue (58%)



Red (82%)

Yellow (58%)

Blue (58%)

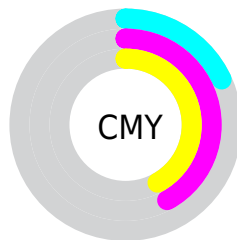


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3346, 0.3777, 0.3305 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 37.3346, 0.3777, 0.3305 by changing the saturation by 10% instead.


 37.3346, 0.3777,
0.3305


 37.3346, 0.3777,
0.3305


334.7569, 0.3437,
0.3304

 25.4667, 0.3867,
0.3303


 71.0871, 0.3650,
0.3307

 16.4251, 0.3985,
0.3298


 93.7405, 0.3603,
0.3307

 9.8254, 0.4147,
0.3288


120.7577, 0.3564,
0.3306

 5.2834, 0.4384,
0.3269

152.5233, 0.3531,
0.3306

 2.4145, 0.4756,
0.3224

189.4217, 0.3503,
0.3306

 0.8333, 0.5787,
0.3309

231.8371, 0.3478,

 0.0000, 1.0000,

0.3305


0.0000


280.1540, 0.3456,
0.3305


 0.0000, 0.0000,
0.0000


 37.3346, 0.3777,
0.3305


 37.3346, 0.3777,
0.3305

 30.7659, 0.4107,
0.3311


 45.1855, 0.3508,
0.3300


 25.4064, 0.4503,
0.3316


 54.3760, 0.3293,
0.3294


 21.1839, 0.4956,
0.3319

 64.9664, 0.3120,
0.3290

 18.0164, 0.5432,
0.3320

 77.0118, 0.2981,
0.3286

 15.8111, 0.5872,
0.3318

 90.5644, 0.2870,
0.3282

■ 14.4587, 0.6201,
0.3312

■ 92.4397, 0.2860,
0.3289

■ 13.7994, 0.6383,
0.3308

■ 13.7763, 0.6390,
0.3308

Harmonies

Analogous

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



37.3346, 0.3494, 0.3015



37.3346, 0.3777, 0.3305



37.3346, 0.3873, 0.3608

Triad

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



37.3346, 0.3777, 0.3305



37.3346, 0.3100, 0.3866



37.3346, 0.2522, 0.2721

Complementary

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



37.3346, 0.3777, 0.3305



56.5203, 0.2702, 0.3275

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.



37.3346, 0.2434, 0.2907



37.3346, 0.3777, 0.3305



37.3346, 0.2754, 0.3583

Square

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



37.3346, 0.3777, 0.3305



37.3346, 0.3468, 0.3961



37.3346, 0.2515, 0.3220



37.3346, 0.2766, 0.2687

Rectangle

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



37.3346, 0.3777, 0.3305



37.3346, 0.3816, 0.3783



37.3346, 0.2515, 0.3220



37.3346, 0.2474, 0.2766

Sweetspot

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



37.3364, 0.3777, 0.3305



85.0476, 0.3284, 0.3294



39.4723, 0.3171, 0.2572



17.7229, 0.3313, 0.3295



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.



37.3364, 0.3777, 0.3305



51.7325, 0.3963, 0.3308



48.4850, 0.3667, 0.3686



11.8395, 0.3290, 0.3294



8.4191, 0.6387, 0.3311



0.4822, 0.6342, 0.3346

Inverse Universe

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



56.5203, 0.2702, 0.3275



85.8678, 0.2630, 0.3272



42.7654, 0.2656, 0.2858



13.3716, 0.2983, 0.3286



29.9202, 0.2233, 0.3237



1.6841, 0.2235, 0.3247

Previews

White Background



This preview shows how the Yxy color 37.3346, 0.3777, 0.3305 looks on a white background.

Color Contrast Check

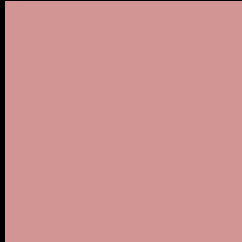
Large Text (above 18pt) WCAG AA × Fail

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 37.3346, 0.3777, 0.3305 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 37.3346, 0.3777, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 37.3346, 0.3777, 0.3305.



This preview shows how white text looks on a background with the Yxy color 37.3346, 0.3777, 0.3305.

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

37.3346, 0.3777, 0.3305

Protanopia

37.4973, 0.3255, 0.3404

Deuteranopia

37.4364, 0.3528, 0.3469



Tritanopia

37.2195, 0.3677, 0.3142

Trichromacy



Original Color

37.3346, 0.3777, 0.3305

Protanomaly

37.4105, 0.3440, 0.3373

Deuteranomaly

37.1514, 0.3612, 0.3398

Tritanomaly

37.3953, 0.3716, 0.3204

Monochromacy



Original Color

37.3346, 0.3777, 0.3305

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7470, 0.3351, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3346, 0.3777, 0.3305 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(210, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(210, 149, 148)  
}
```

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(210, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 149, 148) }
```

Border

The CSS property to change the border of an element to Yxy 37.3346, 0.3777, 0.3305 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(210, 149, 148) }
```

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

```
.border{ border-color:rgb(210, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(210, 149,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3346, 0.3777, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 149, 148) }
```

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

```
.background{ background-color: rgb(210,  
149, 148) }
```

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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