

Converting Colors

$Yxy(37.3017, 0.3826, 0.3280)$

Have a look what the booklet for
Yxy(37.3017, 0.3826, 0.3280)
contains.

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Color

Yxy(37.3017, 0.3826, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	D69394
RGB	214, 147, 148
RGB Percent	84%, 58%, 58%
CMY	0.1607, 0.4235, 0.4197
CMYK	0.00, 0.31, 0.31, 0.16
HSL	359°, 45%, 71%
HSV	359°, 31%, 84%
XYZ	43.5111, 37.3017, 32.9119
YIQ	167.1470, 39.6110, 14.5150

Conversions

Conversions Part 2

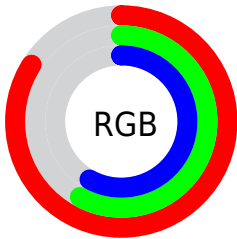
Format	Color
R _Y B	214, 147, 148
Decimal	14062484
CIE Lab	67.50, 25.43, 9.75
CIE LCh	68, 27.230, 20.974
Yxy	37.3017, 0.3826, 0.3280
Android (android.graphics.Color)	4292252564 (0xFFD69394)
YUV	167.1470, -9.4395, 41.0901
Hunter-Lab	61.0751, 20.2853, 10.8026

Details

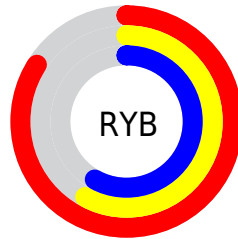
The Yxy color **37.3017, 0.3826, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.1081, 0.2686, 0.3301**, and the grayscale version is **38.7517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2976, 0.3549, 0.3281**, and **16.4979, 0.4059, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **30.6472, 0.4167, 0.3277**, and if you desaturate by 10%, it is **45.3196, 0.3548, 0.3283**.

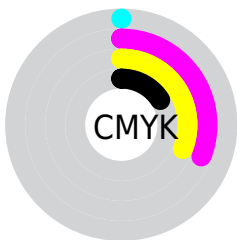
Distribution



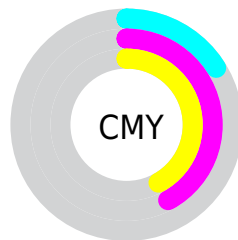
- Red (84%)
- Green (58%)
- Blue (58%)



- Red (84%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3017, 0.3826, 0.3280 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 37.3017, 0.3826, 0.3280 by changing the saturation by 10% instead.


 37.3017, 0.3826,
0.3280

 37.3017, 0.3826,
0.3280


334.6149, 0.3460,
0.3293

 25.4412, 0.3922,
0.3274


 71.0366, 0.3689,
0.3287

 16.4060, 0.4049,
0.3264


 93.6797, 0.3639,
0.3289

 9.8119, 0.4224,
0.3247


120.6858, 0.3597,
0.3290

 5.2744, 0.4477,
0.3216

152.4393, 0.3561,
0.3291

 2.4092, 0.4875,
0.3153

189.3245, 0.3531,
0.3292

 0.8306, 0.5950,
0.3193

231.7259, 0.3504,

 0.0000, 1.0000,

0.3292

0.0000

280.0279, 0.3481,
0.3293

0.0000, 0.0000,
0.0000

37.3017, 0.3826,
0.3280

37.3017, 0.3826,
0.3280

30.6472, 0.4167,
0.3277

45.3196, 0.3548,
0.3283

25.2752, 0.4574,
0.3275

54.7650, 0.3326,
0.3286

21.1048, 0.5034,
0.3275

65.7045, 0.3148,
0.3290

18.0437, 0.5510,
0.3277

78.1991, 0.3005,
0.3293

15.9861, 0.5938,
0.3282

92.3062, 0.2891,
0.3295

■ 14.8057, 0.6243,
0.3289

■ 93.0378, 0.2883,
0.3289

■ 14.3045, 0.6388,
0.3293

Harmonies

Analogous

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



37.3017, 0.3503, 0.2969



37.3017, 0.3826, 0.3280



37.3017, 0.3947, 0.3612

Triad

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



37.3017, 0.3826, 0.3280



37.3017, 0.3124, 0.3942



37.3017, 0.2454, 0.2676

Complementary

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



37.3017, 0.3826, 0.3280



59.1081, 0.2686, 0.3301

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.



37.3017, 0.2370, 0.2887



37.3017, 0.3826, 0.3280



37.3017, 0.2740, 0.3639

Square

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



37.3017, 0.3826, 0.3280



37.3017, 0.3525, 0.4027



37.3017, 0.2470, 0.3238



37.3017, 0.2708, 0.2629

Rectangle

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



37.3017, 0.3826, 0.3280



37.3017, 0.3895, 0.3809



37.3017, 0.2470, 0.3238



37.3017, 0.2406, 0.2728

Sweetspot

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



37.3035, 0.3826, 0.3280



84.8493, 0.3283, 0.3287



39.8543, 0.3153, 0.2514



17.6746, 0.3311, 0.3287



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.



37.3035, 0.3826, 0.3280



48.2685, 0.4060, 0.3278



48.8013, 0.3715, 0.3685



12.4237, 0.3289, 0.3287



8.6465, 0.6384, 0.3290



0.5226, 0.6331, 0.3261

Inverse Universe

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



37.3035, 0.3826, 0.3280



48.2685, 0.4060, 0.3278



44.3609, 0.2630, 0.2858



12.4237, 0.3289, 0.3287



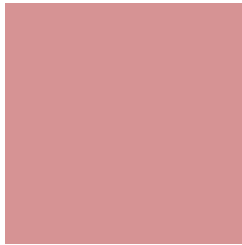
8.6465, 0.6384, 0.3290



0.5226, 0.6331, 0.3261

Previews

White Background



This preview shows how the Yxy color 37.3017, 0.3826, 0.3280 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 37.3017, 0.3826, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

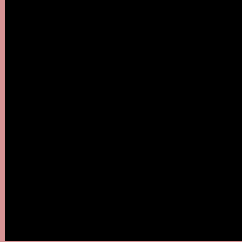
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3017, 0.3826, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 37.3017, 0.3826, 0.3280.



This preview shows how white text looks on a background with the Yxy color 37.3017, 0.3826, 0.3280.

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

37.3017, 0.3826, 0.3280

Protanopia

37.4203, 0.3236, 0.3390

Deuteranopia

37.5630, 0.3538, 0.3468



Tritanopia

37.4392, 0.3742, 0.3156

Trichromacy



Original Color

37.3017, 0.3826, 0.3280

Protanomaly

37.1011, 0.3433, 0.3346

Deuteranomaly

37.4196, 0.3633, 0.3397

Tritanomaly

37.3379, 0.3775, 0.3193

Monochromacy



Original Color

37.3017, 0.3826, 0.3280

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8700, 0.3361, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3017, 0.3826, 0.3280 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(214, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(214, 147, 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(214, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 147, 148) }
```

Border

The CSS property to change the border of an element to Yxy 37.3017, 0.3826, 0.3280 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(214, 147, 148) }
```

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

```
.border{ border-color:rgb(214, 147, 148) }
```

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

Here you see how a box with a 4 pixel rgb(214, 147, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(214, 147,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3017, 0.3826, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 147, 148) }
```

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

```
.background{ background-color: rgb(214,  
147, 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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