

Converting Colors

$Yxy(37.8425, 0.3747, 0.3205)$

Have a look what the booklet for
Yxy(37.8425, 0.3747, 0.3205)
contains.

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Color

Yxy(37.8425, 0.3747, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	D6949B
RGB	214, 148, 155
RGB Percent	84%, 58%, 61%
CMY	0.1607, 0.4196, 0.3921
CMYK	0.00, 0.31, 0.28, 0.16
HSL	354°, 45%, 71%
HSV	354°, 31%, 84%
XYZ	44.2421, 37.8425, 35.9887
YIQ	168.5320, 37.0890, 16.1690

Conversions

Conversions Part 2

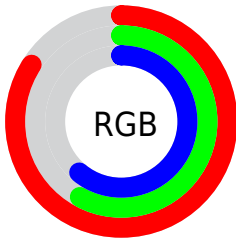
Format	Color
RYB	214, 148, 155
Decimal	14062747
CIELab	67.90, 25.84, 6.38
CIElCh	68, 26.617, 13.870
Yxy	37.8425, 0.3747, 0.3205
Android (android.graphics.Color)	4292252827 (0xFFD6949B)
YUV	168.5320, -6.6713, 39.8754
Hunter-Lab	61.5163, 20.7225, 8.3751

Details

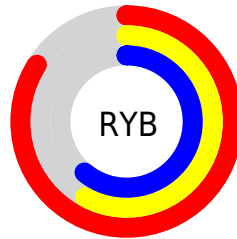
The Yxy color **37.8425, 0.3747, 0.3205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.9015, 0.2726, 0.3379**, and the grayscale version is **39.4544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5753, 0.3490, 0.3230**, and **16.8180, 0.3943, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **31.1472, 0.4051, 0.3177**, and if you desaturate by 10%, it is **45.8843, 0.3499, 0.3234**.

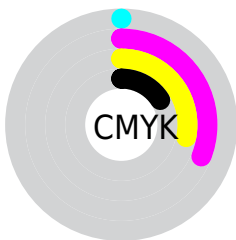
Distribution



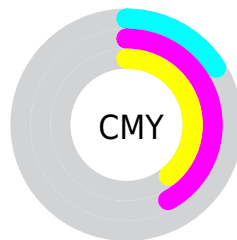
- Red (84%)
- Green (58%)
- Blue (61%)



- Red (84%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8425, 0.3747, 0.3205 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 37.8425, 0.3747, 0.3205 by changing the saturation by 10% instead.


 37.8425, 0.3747,
0.3205


 37.8425, 0.3747,
0.3205


336.9439, 0.3424,
0.3254

 25.8605, 0.3832,
0.3190


 71.8667, 0.3626,
0.3225

 16.7193, 0.3943,
0.3170

 94.6776, 0.3582,
0.3231

 10.0346, 0.4096,
0.3141


121.8669, 0.3545,
0.3237

 5.4219, 0.4318,
0.3095

153.8191, 0.3514,
0.3242

 2.4969, 0.4667,
0.3013

190.9185, 0.3487,
0.3245

 0.8751, 0.5408,
0.2908

233.5495, 0.3463,


 0.0000, 1.0000,

0.3249

0.0000


282.0965, 0.3442,
0.3252


 0.0000, 0.0000,
0.0000


 37.8425, 0.3747,
0.3205


 37.8425, 0.3747,
0.3205


 31.1472, 0.4051,
0.3177

 45.8843, 0.3499,
0.3234


 25.7199, 0.4415,
0.3154


 55.3350, 0.3300,
0.3262


 21.4818, 0.4834,
0.3139

 66.2596, 0.3139,
0.3288

 18.3437, 0.5283,
0.3139

 78.7173, 0.3010,
0.3312

 16.2033, 0.5717,
0.3158

 92.7613, 0.2906,
0.3334

■ 14.9393, 0.6071,
0.3197

■ 93.0385, 0.2883,
0.3289

■ 14.3594, 0.6289,
0.3238

Harmonies

Analogous

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



37.8425, 0.3400, 0.2914



37.8425, 0.3747, 0.3205



37.8425, 0.3918, 0.3530

Triad

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



37.8425, 0.3747, 0.3205



37.8425, 0.3220, 0.3964



37.8425, 0.2436, 0.2727

Complementary

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



37.8425, 0.3747, 0.3205



58.9015, 0.2726, 0.3379

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.



37.8425, 0.2396, 0.2969



37.8425, 0.3747, 0.3205



37.8425, 0.2832, 0.3713

Square

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



37.8425, 0.3747, 0.3205



37.8425, 0.3598, 0.3993



37.8425, 0.2536, 0.3333



37.8425, 0.2647, 0.2642

Rectangle

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



37.8425, 0.3747, 0.3205



37.8425, 0.3904, 0.3732



37.8425, 0.2536, 0.3333



37.8425, 0.2403, 0.2791

Sweetspot

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



37.8443, 0.3747, 0.3205



84.9701, 0.3269, 0.3266



39.2013, 0.3092, 0.2511



17.7041, 0.3294, 0.3262



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.



37.8443, 0.3747, 0.3205



49.5556, 0.3938, 0.3187



46.4403, 0.3728, 0.3601



12.4420, 0.3275, 0.3266



8.6853, 0.6267, 0.3226



0.5313, 0.5929, 0.3040

Inverse Universe

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



37.8443, 0.3747, 0.3205



49.5556, 0.3938, 0.3187



47.4213, 0.2648, 0.2956



12.4420, 0.3275, 0.3266



8.6853, 0.6267, 0.3226



0.5313, 0.5929, 0.3040

Previews

White Background



This preview shows how the Yxy color 37.8425, 0.3747, 0.3205 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 37.8425, 0.3747, 0.3205 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 37.8425, 0.3747, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 37.8425, 0.3747, 0.3205.



This preview shows how white text looks on a background with the Yxy color 37.8425, 0.3747, 0.3205.

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

37.8425, 0.3747, 0.3205

Protanopia

38.0256, 0.3173, 0.3304

Deuteranopia

38.0063, 0.3458, 0.3386



Tritanopia

37.6668, 0.3708, 0.3144

Trichromacy



Original Color

37.8425, 0.3747, 0.3205

Protanomaly

37.6838, 0.3364, 0.3264

Deuteranomaly

37.9803, 0.3559, 0.3318

Tritanomaly

37.6322, 0.3718, 0.3156

Monochromacy



Original Color

37.8425, 0.3747, 0.3205

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4844, 0.3332, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8425, 0.3747, 0.3205 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, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(214, 148, 155)  
}
```

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, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 148, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.8425, 0.3747, 0.3205 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, 148, 155) }
```

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

```
.border{ border-color:rgb(214, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(214, 148,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8425, 0.3747, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 148, 155) }
```

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

```
.background{ background-color: rgb(214,  
148, 155) }
```

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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