

Converting Colors

$Yxy(37.1392, 0.3724, 0.3266)$

Have a look what the booklet for
Yxy(37.1392, 0.3724, 0.3266)
contains.

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Color

Yxy(37.1392, 0.3724, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	D09597
RGB	208, 149, 151
RGB Percent	82%, 58%, 59%
CMY	0.1843, 0.4157, 0.4077
CMYK	0.00, 0.28, 0.27, 0.18
HSL	358°, 39%, 70%
HSV	358°, 28%, 82%
XYZ	42.3473, 37.1392, 34.2281
YIQ	166.8690, 34.5220, 13.1300

Conversions

Conversions Part 2

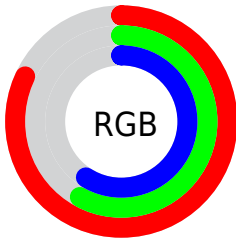
Format	Color
R _Y B	208, 149, 151
Decimal	13669783
CIE Lab	67.38, 22.48, 7.77
CIE LCh	67, 23.788, 19.069
Yxy	37.1392, 0.3724, 0.3266
Android (android.graphics.Color)	4291859863 (0xFFD09597)
YUV	166.8690, -7.8234, 36.0719
Hunter-Lab	60.9419, 17.3877, 9.3591

Details

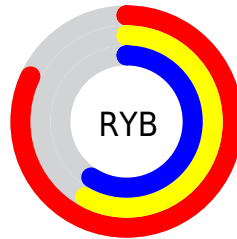
The Yxy color **37.1392, 0.3724, 0.3266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9553, 0.2731, 0.3315**, and the grayscale version is **38.6045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3796, 0.3521, 0.3271**, and **16.3309, 0.3914, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **30.5384, 0.4038, 0.3258**, and if you desaturate by 10%, it is **45.0300, 0.3470, 0.3275**.

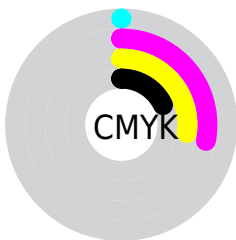
Distribution



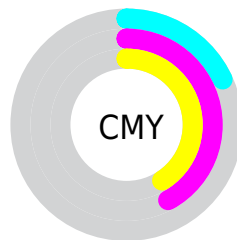
- Red (82%)
- Green (58%)
- Blue (59%)



- Red (82%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1392, 0.3724, 0.3266 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 37.1392, 0.3724, 0.3266 by changing the saturation by 10% instead.


 37.1392, 0.3724,
0.3266


 37.1392, 0.3724,
0.3266


333.9128, 0.3412,
0.3284

 25.3153, 0.3807,
0.3259


 70.7868, 0.3607,
0.3274

 16.3121, 0.3915,
0.3249


 93.3793, 0.3564,
0.3277

 9.7453, 0.4065,
0.3233


120.3301, 0.3528,
0.3279

 5.2304, 0.4283,
0.3205

152.0237, 0.3498,
0.3280

 2.3831, 0.4629,
0.3151

188.8443, 0.3472,
0.3282

 0.8172, 0.5503,
0.3158

231.1764, 0.3449,


 0.0000, 1.0000,

0.3283

0.0000


279.4045, 0.3429,
0.3283


 0.0000, 0.0000,
0.0000

 37.1392, 0.3724,
0.3266


 37.1392, 0.3724,
0.3266


 30.5384, 0.4038,
0.3258

 45.0300, 0.3470,
0.3275


 25.1541, 0.4416,
0.3251


 54.2687, 0.3266,
0.3283


 20.9135, 0.4854,
0.3247

 64.9159, 0.3103,
0.3291

 17.7342, 0.5324,
0.3247

 77.0273, 0.2972,
0.3299

 15.5223, 0.5774,
0.3255

 90.6553, 0.2867,
0.3305

■ 14.1678, 0.6133,
0.3268

■ 92.1496, 0.2849,
0.3289

■ 13.5064, 0.6345,
0.3283

■ 13.4253, 0.6369,
0.3282

Harmonies

Analogous

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



37.1392, 0.3435, 0.2992



37.1392, 0.3724, 0.3266



37.1392, 0.3843, 0.3560

Triad

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



37.1392, 0.3724, 0.3266



37.1392, 0.3150, 0.3866



37.1392, 0.2524, 0.2758

Complementary

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



37.1392, 0.3724, 0.3266



55.9553, 0.2731, 0.3315

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.



37.1392, 0.2460, 0.2956



37.1392, 0.3724, 0.3266



37.1392, 0.2808, 0.3615

Square

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



37.1392, 0.3724, 0.3266



37.1392, 0.3499, 0.3931



37.1392, 0.2560, 0.3270



37.1392, 0.2741, 0.2705

Rectangle

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



37.1392, 0.3724, 0.3266



37.1392, 0.3808, 0.3735



37.1392, 0.2560, 0.3270



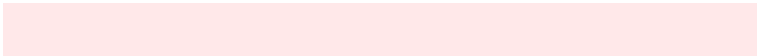
37.1392, 0.2485, 0.2809

Sweetspot

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



37.1409, 0.3724, 0.3266



84.8754, 0.3280, 0.3283



39.0359, 0.3132, 0.2584



17.6810, 0.3307, 0.3281



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.



37.1409, 0.3724, 0.3266



52.3272, 0.3906, 0.3261



46.4544, 0.3655, 0.3622



11.8147, 0.3285, 0.3282



8.3705, 0.6360, 0.3277



0.4704, 0.6230, 0.3205

Inverse Universe

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



37.1409, 0.3724, 0.3266



52.3272, 0.3906, 0.3261



44.1750, 0.2682, 0.2932



11.8147, 0.3285, 0.3282



8.3705, 0.6360, 0.3277



0.4704, 0.6230, 0.3205

Previews

White Background



This preview shows how the Yxy color 37.1392, 0.3724, 0.3266 looks on a white background.

Color Contrast Check

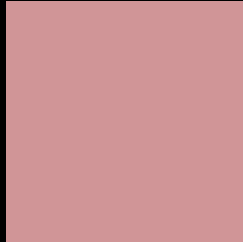
Large Text (above 18pt) WCAG AA × Fail

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 37.1392, 0.3724, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

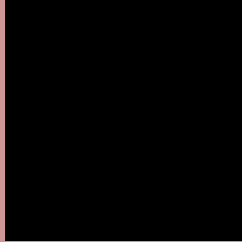
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1392, 0.3724, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 37.1392, 0.3724, 0.3266.



This preview shows how white text looks on a background with the Yxy color 37.1392, 0.3724, 0.3266.

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

37.1392, 0.3724, 0.3266

Protanopia

37.4891, 0.3218, 0.3361

Deuteranopia

37.4053, 0.3489, 0.3428



Tritanopia

37.2383, 0.3653, 0.3153

Trichromacy



Original Color

37.1392, 0.3724, 0.3266

Protanomaly

37.2639, 0.3391, 0.3332

Deuteranomaly

37.1140, 0.3572, 0.3358

Tritanomaly

37.1354, 0.3685, 0.3191

Monochromacy



Original Color

37.1392, 0.3724, 0.3266

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6599, 0.3332, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1392, 0.3724, 0.3266 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(208, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(208, 149, 151)  
}
```

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(208, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 149, 151) }
```

Border

The CSS property to change the border of an element to Yxy 37.1392, 0.3724, 0.3266 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(208, 149, 151) }
```

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

```
.border{ border-color:rgb(208, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(208, 149,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1392, 0.3724, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 149, 151) }
```

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

```
.background{ background-color: rgb(208,  
149, 151) }
```

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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