

Converting Colors

$Yxy(37.6251, 0.3731, 0.3287)$

Have a look what the booklet for
Yxy(37.6251, 0.3731, 0.3287)
contains.

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Color

Yxy(37.6024, 0.3731, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D19697
RGB	209, 150, 151
RGB Percent	82%, 59%, 59%
CMY	0.1804, 0.4117, 0.4078
CMYK	0.00, 0.28, 0.28, 0.18
HSL	359°, 39%, 70%
HSV	359°, 28%, 82%
XYZ	42.7858, 37.6024, 34.2883
YIQ	167.7550, 34.8430, 12.8190

Conversions

Conversions Part 2

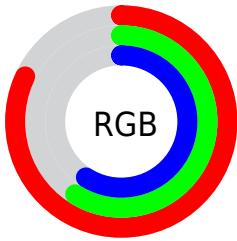
Format	Color
R _Y B	209, 150, 151
Decimal	13735575
CIE Lab	67.73, 22.31, 8.29
CIE LCh	68, 23.798, 20.380
Yxy	37.6024, 0.3731, 0.3279
Android (android.graphics.Color)	4291925655 (0xFFD19697)
YUV	167.7550, -8.2602, 36.1719
Hunter-Lab	61.3208, 17.2346, 9.7718

Details

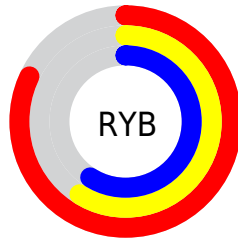
The Yxy color **37.6024, 0.3731, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6341, 0.2726, 0.3302**, and the grayscale version is **39.0613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3304, 0.3517, 0.3291**, and **16.6161, 0.3923, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **30.9077, 0.4050, 0.3275**, and if you desaturate by 10%, it is **45.6063, 0.3473, 0.3283**.

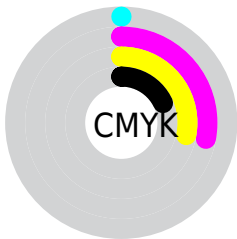
Distribution



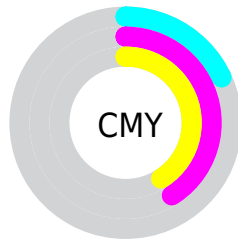
- Red (82%)
- Green (59%)
- Blue (59%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6024, 0.3731, 0.3279 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 37.6024, 0.3731, 0.3279 by changing the saturation by 10% instead.


 37.6024, 0.3731,
0.3279


 37.6024, 0.3731,
0.3279


335.9113, 0.3416,
0.3291

 25.6742, 0.3814,
0.3274


 71.4983, 0.3613,
0.3285

 16.5801, 0.3924,
0.3266


 94.2349, 0.3570,
0.3286

 9.9356, 0.4074,
0.3253


121.3430, 0.3534,
0.3288

 5.3563, 0.4292,
0.3229

153.2071, 0.3503,
0.3289

 2.4578, 0.4638,
0.3180

190.2116, 0.3477,
0.3289

 0.8554, 0.5491,
0.3195

232.7409, 0.3454,

 0.0000, 1.0000,


0.3290

0.0000

281.1793, 0.3433,
0.3290


 0.0000, 0.0000,
0.0000

 37.6024, 0.3731,
0.3279

 37.6024, 0.3731,
0.3279


 30.9077, 0.4050,
0.3275


 45.6063, 0.3473,
0.3283


 25.4478, 0.4435,
0.3272

 54.9784, 0.3266,
0.3287


 21.1487, 0.4879,
0.3271

 65.7802, 0.3100,
0.3291

 17.9265, 0.5355,
0.3272

 78.0682, 0.2968,
0.3294

 15.6860, 0.5805,
0.3277

 91.8956, 0.2861,
0.3297

■ 14.3155, 0.6157,
0.3284

■ 92.2939, 0.2855,
0.3289

■ 13.6504, 0.6359,
0.3291

■ 13.5617, 0.6385,
0.3291

Harmonies

Analogous

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



37.6024, 0.3448, 0.3003



37.6024, 0.3731, 0.3279



37.6024, 0.3841, 0.3571

Triad

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



37.6024, 0.3731, 0.3279



37.6024, 0.3135, 0.3856



37.6024, 0.2533, 0.2755

Complementary

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



37.6024, 0.3731, 0.3279



56.6341, 0.2726, 0.3302

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.



37.6024, 0.2462, 0.2946



37.6024, 0.3731, 0.3279



37.6024, 0.2796, 0.3599

Square

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



37.6024, 0.3731, 0.3279



37.6024, 0.3484, 0.3930



37.6024, 0.2555, 0.3255



37.6024, 0.2755, 0.2708

Rectangle

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



37.6024, 0.3731, 0.3279



37.6024, 0.3800, 0.3743



37.6024, 0.2555, 0.3255



37.6024, 0.2491, 0.2803

Sweetspot

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



37.6042, 0.3731, 0.3279



86.4431, 0.3263, 0.3287



39.6872, 0.3142, 0.2589



17.9921, 0.3292, 0.3286



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.



37.6042, 0.3731, 0.3279



52.2703, 0.3920, 0.3277



47.4115, 0.3648, 0.3632



11.8115, 0.3288, 0.3286



8.3641, 0.6380, 0.3289



0.4688, 0.6314, 0.3252

Inverse Universe

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



37.6042, 0.3731, 0.3279



52.2703, 0.3920, 0.3277



44.3251, 0.2682, 0.2921



11.8115, 0.3288, 0.3286



8.3641, 0.6380, 0.3289



0.4688, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 37.6024, 0.3731, 0.3279 looks on a white background.

Color Contrast Check

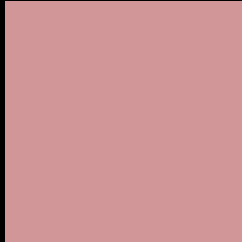
Large Text (above 18pt) WCAG AA × Fail

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 37.6024, 0.3731, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

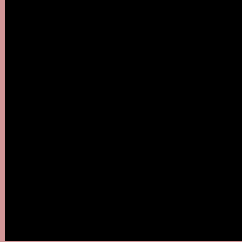
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6024, 0.3731, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 37.6024, 0.3731, 0.3279.



This preview shows how white text looks on a background with the Yxy color 37.6024, 0.3731, 0.3279.

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

37.6024, 0.3731, 0.3279

Protanopia

37.9595, 0.3227, 0.3375

Deuteranopia

37.5310, 0.3499, 0.3427



Tritanopia

37.7346, 0.3650, 0.3154

Trichromacy



Original Color

37.6024, 0.3731, 0.3279

Protanomaly

37.7323, 0.3399, 0.3345

Deuteranomaly

37.5810, 0.3579, 0.3371

Tritanomaly

37.6309, 0.3682, 0.3191

Monochromacy



Original Color

37.6024, 0.3731, 0.3279

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1657, 0.3331, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6024, 0.3731, 0.3279 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(209, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(209, 150, 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(209, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 150, 151) }
```

Border

The CSS property to change the border of an element to Yxy 37.6024, 0.3731, 0.3279 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(209, 150, 151) }
```

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

```
.border{ border-color:rgb(209, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 150,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6024, 0.3731, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 150, 151) }
```

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

```
.background{ background-color: rgb(209,  
150, 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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