

Converting Colors

$Yxy(40.8532, 0.3773, 0.3381)$

Have a look what the booklet for
Yxy(40.8532, 0.3773, 0.3381)
contains.

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Color

Yxy(40.7630, 0.3778, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	D79D96
RGB	215, 157, 150
RGB Percent	84%, 62%, 59%
CMY	0.1568, 0.3843, 0.4118
CMYK	0.00, 0.27, 0.30, 0.16
HSL	6°, 45%, 72%
HSV	6°, 30%, 84%
XYZ	45.5899, 40.7630, 34.3191
YIQ	173.5440, 36.8150, 10.1190

Conversions

Conversions Part 2

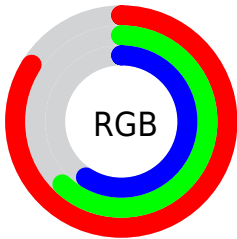
Format	Color
R _Y B	215, 158, 150
Decimal	14130582
CIE Lab	70.01, 20.66, 12.18
CIE LCh	70, 23.987, 30.524
Yxy	40.7630, 0.3778, 0.3378
Android (android.graphics.Color)	4292320662 (0xFFD79D96)
YUV	173.5440, -11.6072, 36.3569
Hunter-Lab	63.8459, 15.7296, 12.8220

Details

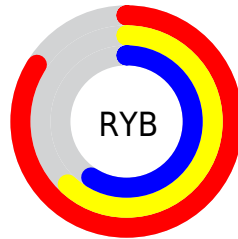
The Yxy color $40.7630, 0.3778, 0.3378$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $56.5124, 0.2684, 0.3199$, and the grayscale version is $42.1293, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7066, 0.3511, 0.3373$, and $18.3749, 0.3986, 0.3391$ is the 20% darker color. If you saturate the color by 10%, you get $34.1439, 0.4094, 0.3408$, and if you desaturate by 10%, it is $48.5326, 0.3517, 0.3347$.

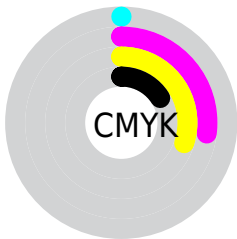
Distribution



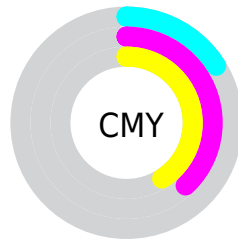
- Red (84%)
- Green (62%)
- Blue (59%)



- Red (84%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7630, 0.3778, 0.3378 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 40.7630, 0.3778, 0.3378 by changing the saturation by 10% instead.


 40.7630, 0.3778,
0.3378

 40.7630, 0.3778,
0.3378


349.3291, 0.3442,
0.3341

 28.1339, 0.3865,
0.3385


 76.3240, 0.3654,
0.3366

 18.4267, 0.3979,
0.3392


 100.0247, 0.3608,
0.3361

 11.2567, 0.4132,
0.3398


128.1848, 0.3569,
0.3357

 6.2398, 0.4353,
0.3402


161.1886, 0.3536,
0.3353

 2.9914, 0.4690,
0.3392

199.4205, 0.3508,
0.3350

 1.1273, 0.5456,
0.3456

243.2650, 0.3483,

 0.0011, 0.9979,

0.3346

0.0021

293.1064, 0.3461,
0.3344

0.0000, 0.0000,
0.0000

40.7630, 0.3778,
0.3378

40.7630, 0.3778,
0.3378

34.1439, 0.4094,
0.3408

48.5326, 0.3517,
0.3347

28.6152, 0.4469,
0.3434

57.4977, 0.3304,
0.3318

24.1198, 0.4894,
0.3452

67.7079, 0.3131,
0.3291

20.5934, 0.5344,
0.3456

79.2085, 0.2990,
0.3266

17.9643, 0.5771,
0.3441

91.8796, 0.2888,
0.3268

■ 16.1506, 0.6111,
0.3405

■ 93.1896, 0.2889,
0.3289

■ 15.0680, 0.6323,
0.3362

Harmonies

Analogous

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



40.7630, 0.3550, 0.3095



40.7630, 0.3778, 0.3378



40.7630, 0.3818, 0.3657

Triad

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



40.7630, 0.3778, 0.3378



40.7630, 0.3017, 0.3777



40.7630, 0.2602, 0.2733

Complementary

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



40.7630, 0.3778, 0.3378



56.5124, 0.2684, 0.3199

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.



40.7630, 0.2479, 0.2874



40.7630, 0.3778, 0.3378



40.7630, 0.2708, 0.3483

Square

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



40.7630, 0.3778, 0.3378



40.7630, 0.3367, 0.3915



40.7630, 0.2516, 0.3145



40.7630, 0.2863, 0.2734

Rectangle

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



40.7630, 0.3778, 0.3378



40.7630, 0.3734, 0.3806



40.7630, 0.2516, 0.3145



40.7630, 0.2544, 0.2764

Sweetspot

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



40.7649, 0.3778, 0.3378



86.2312, 0.3282, 0.3315



40.8420, 0.3220, 0.2610



18.0114, 0.3310, 0.3319



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.



40.7649, 0.3778, 0.3378



53.8294, 0.3964, 0.3397



53.0513, 0.3665, 0.3758



12.6338, 0.3288, 0.3316



9.0864, 0.6307, 0.3374



0.6225, 0.6072, 0.3560

Inverse Universe

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



56.5124, 0.2684, 0.3199



80.4051, 0.2605, 0.3179



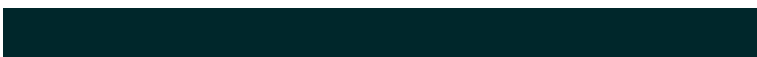
42.4447, 0.2636, 0.2771



13.8689, 0.2983, 0.3264



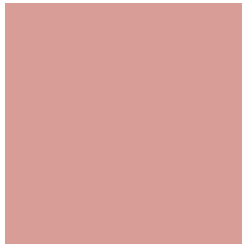
25.5413, 0.2153, 0.2950



1.6074, 0.2171, 0.3014

Previews

White Background



This preview shows how the Yxy color 40.7630, 0.3778, 0.3378 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 40.7630, 0.3778, 0.3378 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 40.7630, 0.3778, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 40.7630, 0.3778, 0.3378.



This preview shows how white text looks on a background with the Yxy color 40.7630, 0.3778, 0.3378.

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

40.7630, 0.3778, 0.3378

Protanopia

41.0251, 0.3312, 0.3483

Deuteranopia

40.7841, 0.3582, 0.3514



Tritanopia

40.9476, 0.3642, 0.3158

Trichromacy



Original Color

40.7630, 0.3778, 0.3378

Protanomaly

40.6819, 0.3474, 0.3450

Deuteranomaly

40.7071, 0.3651, 0.3458

Tritanomaly

40.9139, 0.3690, 0.3243

Monochromacy



Original Color

40.7630, 0.3778, 0.3378

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5407, 0.3350, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7630, 0.3778, 0.3378 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(215, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(215, 157, 150)  
}
```

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(215, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 157, 150) }
```

Border

The CSS property to change the border of an element to Yxy 40.7630, 0.3778, 0.3378 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(215, 157, 150) }
```

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

```
.border{ border-color:rgb(215, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(215, 157,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7630, 0.3778, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 157, 150) }
```

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

```
.background{ background-color: rgb(215,  
157, 150) }
```

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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