

Converting Colors

$Yxy(37.5037, 0.4263, 0.4279)$

Have a look what the booklet for
Yxy(37.5037, 0.4263, 0.4279)
contains.

Yxy(37.5176, 0.4261, 0.4274)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.5176, 0.4261, 0.4274)

Conversions

Conversions Part 1

Format	Color
Hex	C79F50
RGB	199, 159, 80
RGB Percent	78%, 62%, 31%
CMY	0.2195, 0.3765, 0.6863
CMYK	0.00, 0.20, 0.60, 0.22
HSL	40°, 52%, 55%
HSV	40°, 60%, 78%
XYZ	37.4035, 37.5176, 12.8599
YIQ	161.9540, 49.1990, -16.0890

Conversions

Conversions Part 2

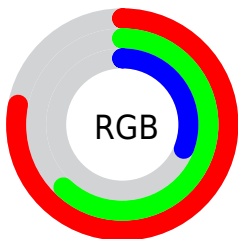
Format	Color
RYB	140, 199, 80
Decimal	13082448
CIELab	67.66, 5.79, 46.12
CIELCh	68, 46.482, 82.849
Yxy	37.5176, 0.4261, 0.4274
Android (android.graphics.Color)	4291272528 (0xFFC79F50)
YUV	161.9540, -40.4033, 32.4893
Hunter-Lab	61.2516, 1.8113, 30.4281

Details

The Yxy color **37.5176, 0.4261, 0.4274** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.2696, 0.2112, 0.2001**, and the grayscale version is **36.2859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5144, 0.4035, 0.4111**, and **16.5696, 0.4544, 0.4495** is the 20% darker color. If you saturate the color by 10%, you get **35.0276, 0.4465, 0.4387**, and if you desaturate by 10%, it is **40.2230, 0.4050, 0.4131**.

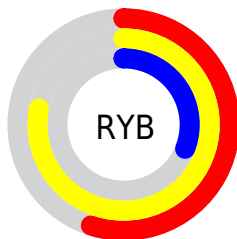
Distribution



Red (78%)

Green (62%)

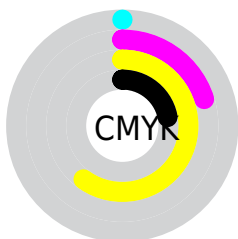
Blue (31%)



Red (55%)

Yellow (78%)

Blue (31%)

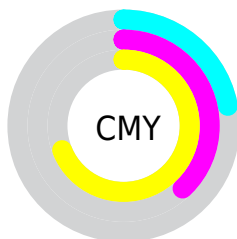


Cyan (0%)

Magenta (20%)

Yellow (60%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5176, 0.4261, 0.4274 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 37.5176, 0.4261, 0.4274 by changing the saturation by 10% instead.


 37.5176, 0.4261,
0.4274


 37.5176, 0.4261,
0.4274

335.5460, 0.3696,
0.3800


 25.6085, 0.4392,
0.4377


 71.3681, 0.4061,
0.4111


 16.5310, 0.4550,
0.4496


 94.0784, 0.3984,
0.4046


 9.9007, 0.4737,
0.4628


 121.1578, 0.3918,
0.3991

 5.3331, 0.5049,
0.4851

 152.9907, 0.3861,
0.3942

 2.4440, 0.5166,
0.4834

 189.9616, 0.3812,
0.3900

 0.8484, 0.5288,
0.4712

232.4549, 0.3768,

 0.0000, 0.0000,

0.3862

0.0000

280.8549, 0.3730,
0.3829

■ 37.5176, 0.4261,
0.4274

■ 37.5176, 0.4261,
0.4274

■ 35.0276, 0.4465,
0.4387

■ 40.2230, 0.4050,
0.4131

■ 32.7377, 0.4652,
0.4457

■ 43.1472, 0.3840,
0.3968

■ 30.6382, 0.4811,
0.4479

■ 46.3002, 0.3640,
0.3795

■ 28.7097, 0.4942,
0.4456

■ 49.6896, 0.3452,
0.3621

■ 28.6727, 0.4945,
0.4456

■ 53.3224, 0.3280,
0.3450

■ 57.2053, 0.3124,
0.3287

■ 61.3448, 0.2984,
0.3134

■ 65.7469, 0.2859,
0.2991

■ 70.1490, 0.2771,
0.2902

Harmonies

Analogous

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



37.5176, 0.4513, 0.3792



37.5176, 0.4261, 0.4274



37.5176, 0.3715, 0.4560

Triad

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



37.5176, 0.4261, 0.4274



37.5176, 0.2032, 0.3124



37.5176, 0.3085, 0.2421

Complementary

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



37.5176, 0.4261, 0.4274



19.2696, 0.2112, 0.2001

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.



37.5176, 0.2459, 0.2234



37.5176, 0.4261, 0.4274



37.5176, 0.1908, 0.2559

Square

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



37.5176, 0.4261, 0.4274



37.5176, 0.2431, 0.3856



37.5176, 0.2054, 0.2269



37.5176, 0.3800, 0.2786

Rectangle

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



37.5176, 0.4261, 0.4274



37.5176, 0.3271, 0.4531



37.5176, 0.2054, 0.2269



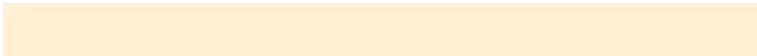
37.5176, 0.2857, 0.2336

Sweetspot

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



37.5194, 0.4261, 0.4274



87.9325, 0.3425, 0.3594



19.2795, 0.4296, 0.2768



18.4327, 0.3478, 0.3645



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.



37.5194, 0.4261, 0.4274



59.9743, 0.4528, 0.4415



51.2796, 0.3808, 0.4767



11.7929, 0.3273, 0.3443



18.6001, 0.4932, 0.4466



1.0104, 0.4741, 0.4617

Inverse Universe

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



19.2696, 0.2112, 0.2001



25.3887, 0.1908, 0.1665



12.4510, 0.2113, 0.1445



10.8607, 0.2983, 0.3132



5.3727, 0.1640, 0.1103



0.3886, 0.1760, 0.1536

Previews

White Background



This preview shows how the Yxy color 37.5176, 0.4261, 0.4274 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 37.5176, 0.4261, 0.4274 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 37.5176, 0.4261, 0.4274

Background



This preview shows how black text looks on a background with the Yxy color 37.5176, 0.4261, 0.4274.



This preview shows how white text looks on a background with the Yxy color 37.5176, 0.4261, 0.4274.

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

37.5176, 0.4261, 0.4274

Protanopia

37.4645, 0.4025, 0.4400

Deuteranopia

37.3896, 0.4318, 0.4233



Tritanopia

37.5077, 0.3596, 0.3152

Trichromacy



Original Color

37.5176, 0.4261, 0.4274

Protanomaly

37.4798, 0.4109, 0.4360

Deuteranomaly

37.5895, 0.4299, 0.4249

Tritanomaly

37.1449, 0.3856, 0.3564

Monochromacy



Original Color

37.5176, 0.4261, 0.4274

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2696, 0.3534, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5176, 0.4261, 0.4274 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(199, 159, 80)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 80)  
}
```

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(199, 159, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 80) }
```

Border

The CSS property to change the border of an element to Yxy 37.5176, 0.4261, 0.4274 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(199, 159, 80) }
```

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

```
.border{ border-color:rgb(199, 159, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 80);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
80) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 37.5176, 0.4261, 0.4274$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 80) }
```

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

```
.background{ background-color: rgb(199,  
159, 80) }
```

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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