

Converting Colors

$Y_{xy}(37.1318, 0.4497, 0.3858)$

Have a look what the booklet for
Yxy(37.1318, 0.4497, 0.3858)
contains.

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Color

Yxy(37.1029, 0.4493, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	E19160
RGB	225, 145, 96
RGB Percent	88%, 57%, 38%
CMY	0.1177, 0.4313, 0.6234
CMYK	0.00, 0.36, 0.57, 0.12
HSL	23°, 68%, 63%
HSV	23°, 57%, 88%
XYZ	43.2883, 37.1029, 15.9549
YIQ	163.3340, 63.4090, 1.7210

Conversions

Conversions Part 2

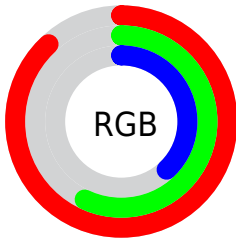
Format	Color
R_{YB}	225, 175, 96
Decimal	14782816
CIE _{Lab}	67.35, 25.41, 38.27
CIE _{LCh}	67, 45.939, 56.422
Yxy	37.1029, 0.4493, 0.3851
Android (android.graphics.Color)	4292972896 (0xFFE19160)
YUV	163.3340, -33.1957, 54.0811
Hunter-Lab	60.9121, 20.2580, 27.1085

Details

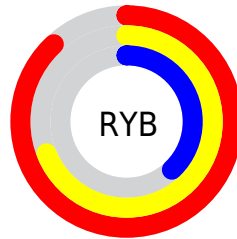
The Yxy color **37.1029, 0.4493, 0.3851** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **38.9854, 0.2265, 0.2601**, and the grayscale version is **36.9321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2134, 0.3993, 0.3831**, and **16.3258, 0.4886, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **32.7412, 0.4825, 0.3911**, and if you desaturate by 10%, it is **42.1109, 0.4180, 0.3766**.

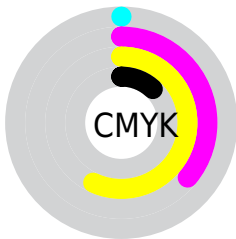
Distribution



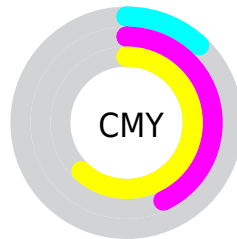
- Red (88%)
- Green (57%)
- Blue (38%)



- Red (88%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1029, 0.4493, 0.3851 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 37.1029, 0.4493, 0.3851 by changing the saturation by 10% instead.


 37.1029, 0.4493,
0.3851


 37.1029, 0.4493,
0.3851


333.7558, 0.3790,
0.3607


 25.2872, 0.4667,
0.3894


 70.7310, 0.4237,
0.3774

 16.2911, 0.4887,
0.3937


 93.3122, 0.4140,
0.3741

 9.7304, 0.5168,
0.3971

 120.2506, 0.4059,
0.3712

 5.2206, 0.5546,
0.3980

 151.9308, 0.3989,
0.3686

 2.3773, 0.6076,
0.3924

188.7369, 0.3929,
0.3663

 0.8142, 0.6517,
0.3483

231.0536, 0.3877,

 0.0000, 1.0000,

0.3642

0.0000

279.2651, 0.3831,
0.3624

0.0000, 0.0000,
0.0000

37.1029, 0.4493,
0.3851

37.1029, 0.4493,
0.3851

32.7412, 0.4825,
0.3911

42.1109, 0.4180,
0.3766

28.9909, 0.5156,
0.3932

47.7866, 0.3897,
0.3666

25.8215, 0.5461,
0.3903

54.1574, 0.3647,
0.3562

23.1954, 0.5713,
0.3822

61.2472, 0.3431,
0.3458

22.5729, 0.5775,
0.3797

69.0787, 0.3245,
0.3359

■ 77.6735, 0.3087,
0.3266

■ 87.0523, 0.2952,
0.3179

■ 94.7467, 0.2946,
0.3289

Harmonies

Analogous

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



37.1029, 0.4382, 0.3330



37.1029, 0.4493, 0.3851



37.1029, 0.4201, 0.4315

Triad

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



37.1029, 0.4493, 0.3851



37.1029, 0.2376, 0.3765



37.1029, 0.2528, 0.2253

Complementary

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



37.1029, 0.4493, 0.3851



38.9854, 0.2265, 0.2601

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.



37.1029, 0.2096, 0.2259



37.1029, 0.4493, 0.3851



37.1029, 0.2010, 0.3046

Square

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



37.1029, 0.4493, 0.3851



37.1029, 0.2966, 0.4376



37.1029, 0.1919, 0.2517



37.1029, 0.3170, 0.2462

Rectangle

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



37.1029, 0.4493, 0.3851



37.1029, 0.3844, 0.4517



37.1029, 0.1919, 0.2517



37.1029, 0.2357, 0.2229

Sweetspot

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



37.1048, 0.4493, 0.3851



81.5439, 0.3427, 0.3456



27.5820, 0.3733, 0.2381



17.0284, 0.3468, 0.3477



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.



37.1048, 0.4493, 0.3851



42.3411, 0.4897, 0.3919



61.8665, 0.4045, 0.4495



14.5493, 0.3283, 0.3380



13.2165, 0.5747, 0.3819



1.0850, 0.5458, 0.4048

Inverse Universe

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



38.9854, 0.2265, 0.2601



44.9304, 0.2119, 0.2423



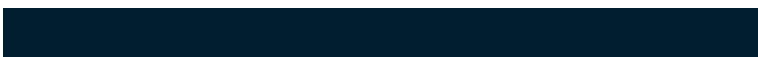
19.7867, 0.2065, 0.1678



14.6522, 0.2981, 0.3199



14.0989, 0.1889, 0.2000



1.1483, 0.1950, 0.2221

Previews

White Background



This preview shows how the Yxy color 37.1029, 0.4493, 0.3851 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 37.1029, 0.4493, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

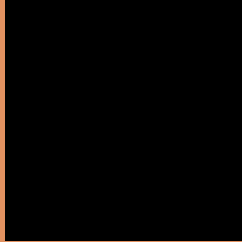
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1029, 0.4493, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 37.1029, 0.4493, 0.3851.



This preview shows how white text looks on a background with the Yxy color 37.1029, 0.4493, 0.3851.

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

37.1029, 0.4493, 0.3851

Protanopia

37.1139, 0.3829, 0.4141

Deuteranopia

37.2015, 0.4170, 0.4094



Tritanopia

37.0049, 0.4004, 0.3164

Trichromacy



Original Color

37.1029, 0.4493, 0.3851

Protanomaly

36.7698, 0.4075, 0.4037

Deuteranomaly

37.1640, 0.4283, 0.4004

Tritanomaly

37.1554, 0.4194, 0.3421

Monochromacy



Original Color

37.1029, 0.4493, 0.3851

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0801, 0.3596, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1029, 0.4493, 0.3851 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(225, 145, 96)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 96)  
}
```

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(225, 145, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 96) }
```

Border

The CSS property to change the border of an element to Yxy 37.1029, 0.4493, 0.3851 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(225, 145, 96) }
```

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

```
.border{ border-color:rgb(225, 145, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 145, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 145, 96);  
box-shadow:4px 4px 4px 4px rgb(225, 145,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1029, 0.4493, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 96) }
```

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

```
.background{ background-color: rgb(225,  
145, 96) }
```

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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