

Converting Colors

$Yxy(36.8789, 0.4185, 0.3697)$

Have a look what the booklet for
Yxy(36.8789, 0.4185, 0.3697)
contains.

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Color

Yxy(36.8647, 0.4183, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	D79473
RGB	215, 148, 115
RGB Percent	84%, 58%, 45%
CMY	0.1568, 0.4196, 0.5490
CMYK	0.00, 0.31, 0.47, 0.16
HSL	20°, 56%, 65%
HSV	20°, 47%, 84%
XYZ	41.7109, 36.8647, 21.1396
YIQ	164.2710, 50.5250, 3.9410

Conversions

Conversions Part 2

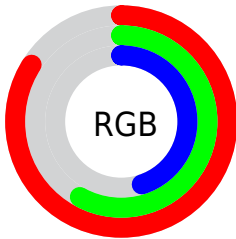
Format	Color
R _Y B	215, 164, 115
Decimal	14128243
CIE Lab	67.18, 21.45, 27.60
CIE LCh	67, 34.951, 52.147
Yxy	36.8647, 0.4183, 0.3697
Android (android.graphics.Color)	4292318323 (0xFFD79473)
YUV	164.2710, -24.2906, 44.4893
Hunter-Lab	60.7163, 16.3723, 21.8584

Details

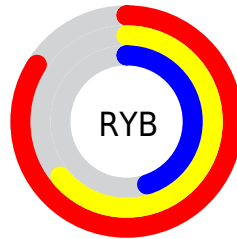
The Yxy color **36.8647, 0.4183, 0.3697** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.0149, 0.2427, 0.2828**, and the grayscale version is **37.3616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2911, 0.3824, 0.3656**, and **16.2118, 0.4519, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **32.1858, 0.4511, 0.3772**, and if you desaturate by 10%, it is **42.2252, 0.3890, 0.3610**.

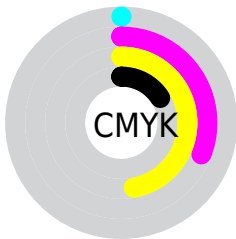
Distribution



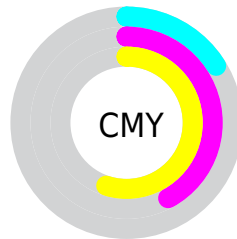
- Red (84%)
- Green (58%)
- Blue (45%)



- Red (84%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8647, 0.4183, 0.3697 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 36.8647, 0.4183, 0.3697 by changing the saturation by 10% instead.


 36.8647, 0.4183,
0.3697


 36.8647, 0.4183,
0.3697


332.7244, 0.3632,
0.3510


 25.1028, 0.4325,
0.3735


 70.3646, 0.3979,
0.3635


 16.1536, 0.4509,
0.3779


 92.8714, 0.3903,
0.3609

 9.6329, 0.4754,
0.3824


 119.7286, 0.3840,
0.3587

 5.1563, 0.5091,
0.3861

 151.3206, 0.3786,
0.3568

 2.3392, 0.5769,
0.3991

188.0318, 0.3740,
0.3551

 0.7944, 0.6310,
0.3690

230.2465, 0.3699,

 0.0000, 1.0000,

0.3536

0.0000

278.3493, 0.3664,
0.3522

0.0000, 0.0000,
0.0000

36.8647, 0.4183,
0.3697

36.8647, 0.4183,
0.3697

32.1858, 0.4511,
0.3772

42.2252, 0.3890,
0.3610

28.1544, 0.4863,
0.3823

48.2888, 0.3635,
0.3519

24.7412, 0.5219,
0.3838


55.0827, 0.3417,
0.3429

21.9123, 0.5549,
0.3807


62.6307, 0.3232,
0.3343

19.6287, 0.5819,
0.3727

70.9559, 0.3075,
0.3263

 18.9464, 0.5904,
0.3694

 80.0801, 0.2943,
0.3189

 89.3282, 0.2886,
0.3226

 93.1882, 0.2889,
0.3289

Harmonies

Analogous

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



36.8647, 0.4043, 0.3282



36.8647, 0.4183, 0.3697



36.8647, 0.4013, 0.4058

Triad

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



36.8647, 0.4183, 0.3697



36.8647, 0.2611, 0.3725



36.8647, 0.2606, 0.2460

Complementary

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



36.8647, 0.4183, 0.3697



42.0149, 0.2427, 0.2828

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.



36.8647, 0.2285, 0.2502



36.8647, 0.4183, 0.3697



36.8647, 0.2284, 0.3192

Square

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



36.8647, 0.4183, 0.3697



36.8647, 0.3092, 0.4137



36.8647, 0.2172, 0.2750



36.8647, 0.3091, 0.2603

Rectangle

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



36.8647, 0.4183, 0.3697



36.8647, 0.3762, 0.4212



36.8647, 0.2172, 0.2750



36.8647, 0.2477, 0.2453

Sweetspot

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



36.8665, 0.4183, 0.3697



83.5858, 0.3371, 0.3408



30.1452, 0.3520, 0.2482



17.3924, 0.3413, 0.3427



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.



36.8665, 0.4183, 0.3697



47.3382, 0.4512, 0.3772



55.4712, 0.3902, 0.4243



13.0834, 0.3283, 0.3368



11.5051, 0.5876, 0.3716



0.8434, 0.5538, 0.3985

Inverse Universe

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



42.0149, 0.2427, 0.2828



55.7348, 0.2297, 0.2707



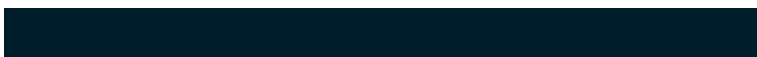
25.4215, 0.2297, 0.2102



13.3852, 0.2982, 0.3211



15.0785, 0.1939, 0.2181



1.0581, 0.1999, 0.2395

Previews

White Background



This preview shows how the Yxy color 36.8647, 0.4183, 0.3697 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 36.8647, 0.4183, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

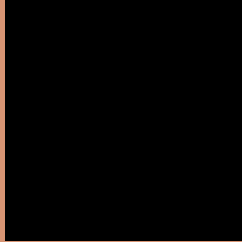
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8647, 0.4183, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 36.8647, 0.4183, 0.3697.



This preview shows how white text looks on a background with the Yxy color 36.8647, 0.4183, 0.3697.

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

36.8647, 0.4183, 0.3697

Protanopia

37.1862, 0.3627, 0.3888

Deuteranopia

37.0420, 0.3953, 0.3874



Tritanopia

36.8834, 0.3816, 0.3158

Trichromacy



Original Color

36.8647, 0.4183, 0.3697

Protanomaly

36.7328, 0.3827, 0.3821

Deuteranomaly

37.0226, 0.4033, 0.3807

Tritanomaly

36.8960, 0.3952, 0.3354

Monochromacy



Original Color

36.8647, 0.4183, 0.3697

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5963, 0.3490, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8647, 0.4183, 0.3697 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, 148, 115)` looks like.

```
.text, #text, p{  
    color:rgb(215, 148, 115)  
}
```

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, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 148, 115) }
```

Border

The CSS property to change the border of an element to Yxy 36.8647, 0.4183, 0.3697 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, 148, 115) }
```

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

```
.border{ border-color:rgb(215, 148, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(215, 148,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8647, 0.4183, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 148, 115) }
```

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

```
.background{ background-color: rgb(215,  
148, 115) }
```

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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