

Converting Colors

$Y_{xy}(36.5338, 0.4404, 0.3704)$

Have a look what the booklet for
Yxy(36.5338, 0.4404, 0.3704)
contains.

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Color

Yxy(36.4151, 0.4406, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	E18E6B
RGB	225, 142, 107
RGB Percent	88%, 56%, 42%
CMY	0.1177, 0.4431, 0.5803
CMYK	0.00, 0.37, 0.52, 0.12
HSL	18°, 66%, 65%
HSV	18°, 52%, 88%
XYZ	43.3752, 36.4151, 18.6555
YIQ	162.8270, 60.7030, 6.7110

Conversions

Conversions Part 2

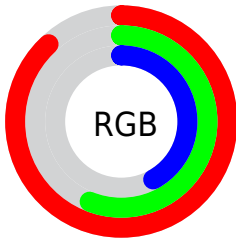
Format	Color
R _Y B	225, 157, 107
Decimal	14782059
CIE Lab	66.84, 27.90, 31.74
CIE LCh	67, 42.257, 48.683
Yxy	36.4151, 0.4406, 0.3699
Android (android.graphics.Color)	4292972139 (0xFFE18E6B)
YUV	162.8270, -27.5227, 54.5257
Hunter-Lab	60.3449, 22.7001, 23.9121

Details

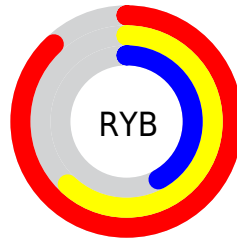
The Yxy color **36.4151, 0.4406, 0.3699** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.3816, 0.2358, 0.2811**, and the grayscale version is **36.6524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2431, 0.3910, 0.3678**, and **15.9049, 0.4789, 0.3760** is the 20% darker color. If you saturate the color by 10%, you get **31.6237, 0.4765, 0.3753**, and if you desaturate by 10%, it is **42.0018, 0.4079, 0.3627**.

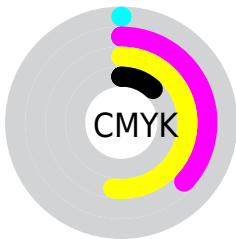
Distribution



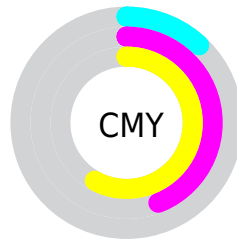
- Red (88%)
- Green (56%)
- Blue (42%)



- Red (88%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (52%)
- Black (12%)





- Cyan (12%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4151, 0.4406, 0.3699 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 36.4151, 0.4406, 0.3699 by changing the saturation by 10% instead.

 36.4151, 0.4406,
0.3699


 36.4151, 0.4406,
0.3699


330.7712, 0.3740,
0.3524

 24.7550, 0.4576,
0.3729


 69.6723, 0.4160,
0.3644


 15.8946, 0.4794,
0.3759


 92.0381, 0.4068,
0.3621

 9.4496, 0.5081,
0.3780


 118.7413, 0.3992,
0.3600

 5.0356, 0.5467,
0.3771

 150.1662, 0.3926,
0.3581

 2.2682, 0.6199,
0.3801

186.6973, 0.3870,
0.3565

 0.7568, 0.6695,
0.3305

228.7189, 0.3821,

 0.0000, 1.0000,

0.3549

0.0000

276.6154, 0.3778,
0.3536

0.0000, 0.0000,
0.0000

36.4151, 0.4406,
0.3699

36.4151, 0.4406,
0.3699

31.6237, 0.4765,
0.3753

42.0018, 0.4079,
0.3627

27.5843, 0.5140,
0.3778

48.4134, 0.3793,
0.3546

24.2575, 0.5499,
0.3760

55.6845, 0.3548,
0.3464

21.5973, 0.5806,
0.3696

63.8463, 0.3340,
0.3383

19.9899, 0.5991,
0.3625

72.9279, 0.3165,
0.3308

■ 82.9576, 0.3018,
0.3237

■ 93.3350, 0.2946,
0.3267

■ 94.7451, 0.2946,
0.3289

Harmonies

Analogous

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



36.4151, 0.4197, 0.3210



36.4151, 0.4406, 0.3699



36.4151, 0.4229, 0.4153

Triad

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



36.4151, 0.4406, 0.3699



36.4151, 0.2558, 0.3896



36.4151, 0.2444, 0.2300

Complementary

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



36.4151, 0.4406, 0.3699



45.3816, 0.2358, 0.2811

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.



36.4151, 0.2097, 0.2368



36.4151, 0.4406, 0.3699



36.4151, 0.2150, 0.3232

Square

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



36.4151, 0.4406, 0.3699



36.4151, 0.3144, 0.4374



36.4151, 0.1995, 0.2679



36.4151, 0.3003, 0.2447

Rectangle

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



36.4151, 0.4406, 0.3699



36.4151, 0.3939, 0.4374



36.4151, 0.1995, 0.2679



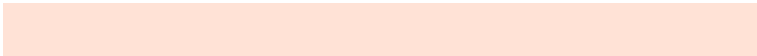
36.4151, 0.2303, 0.2297

Sweetspot

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



36.4169, 0.4406, 0.3699



80.6840, 0.3412, 0.3412



30.3092, 0.3545, 0.2347



16.7872, 0.3455, 0.3429



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.



36.4169, 0.4406, 0.3699



41.4245, 0.4803, 0.3757



58.1092, 0.4028, 0.4317



14.3600, 0.3285, 0.3360



11.6984, 0.5964, 0.3647



0.9636, 0.5659, 0.3889

Inverse Universe

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



45.3816, 0.2358, 0.2811



54.4070, 0.2230, 0.2690



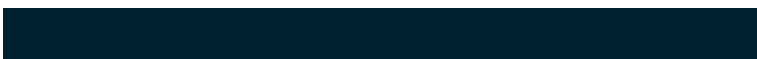
25.2202, 0.2189, 0.1973



14.8497, 0.2982, 0.3219



17.4846, 0.1971, 0.2297



1.3655, 0.2019, 0.2468

Previews

White Background



This preview shows how the Yxy color 36.4151, 0.4406, 0.3699 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 36.4151, 0.4406, 0.3699 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 36.4151, 0.4406, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 36.4151, 0.4406, 0.3699.



This preview shows how white text looks on a background with the Yxy color 36.4151, 0.4406, 0.3699.

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

36.4151, 0.4406, 0.3699

Protanopia

36.6854, 0.3687, 0.3960

Deuteranopia

36.5122, 0.4045, 0.3975



Tritanopia

36.4919, 0.4021, 0.3176

Trichromacy



Original Color

36.4151, 0.4406, 0.3699

Protanomaly

36.1043, 0.3944, 0.3853

Deuteranomaly

36.4185, 0.4182, 0.3871

Tritanomaly

36.4621, 0.4173, 0.3375

Monochromacy



Original Color

36.4151, 0.4406, 0.3699

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8650, 0.3559, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4151, 0.4406, 0.3699 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, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(225, 142, 107)  
}
```

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, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 142, 107) }
```

Border

The CSS property to change the border of an element to Yxy 36.4151, 0.4406, 0.3699 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, 142, 107) }
```

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

```
.border{ border-color:rgb(225, 142, 107) }
```

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

Here you see how a box with a 4 pixel rgb(225, 142, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(225, 142,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4151, 0.4406, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 142, 107) }
```

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

```
.background{ background-color: rgb(225,  
142, 107) }
```

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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