

Converting Colors

Yxy(36.4311, 0.4284, 0.3509)

Have a look what the booklet for
Yxy(36.4311, 0.4284, 0.3509)
contains.

Yxy(36.4675, 0.4290, 0.3515)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4675, 0.4290, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	E38C79
RGB	227, 140, 121
RGB Percent	89%, 55%, 47%
CMY	0.1098, 0.4510, 0.5256
CMYK	0.00, 0.38, 0.47, 0.11
HSL	11°, 65%, 68%
HSV	11°, 47%, 89%
XYZ	44.5080, 36.4675, 22.7727
YIQ	163.8470, 57.9510, 12.5350

Conversions

Conversions Part 2

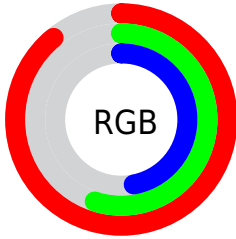
Format	Color
RYB	227, 144, 121
Decimal	14912633
CIELab	66.88, 31.05, 24.17
CIElCh	67, 39.349, 37.900
Yxy	36.4675, 0.4290, 0.3515
Android (android.graphics.Color)	4293102713 (0xFFE38C79)
YUV	163.8470, -21.1236, 55.3852
Hunter-Lab	60.3883, 25.8802, 19.9133

Details

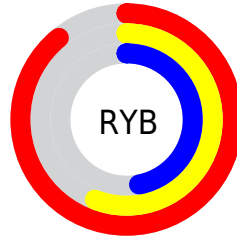
The Yxy color **36.4675, 0.4290, 0.3515** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.7082, 0.2462, 0.3041**, and the grayscale version is **37.1296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8607, 0.3803, 0.3511**, and **15.9375, 0.4649, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **30.9860, 0.4676, 0.3553**, and if you desaturate by 10%, it is **43.0050, 0.3954, 0.3468**.

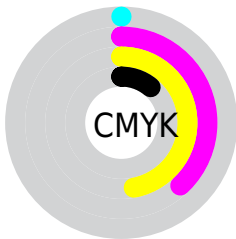
Distribution



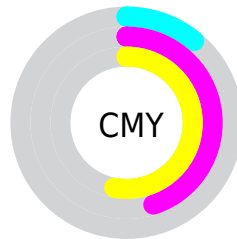
- Red (89%)
- Green (55%)
- Blue (47%)



- Red (89%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4675, 0.4290, 0.3515 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 36.4675, 0.4290, 0.3515 by changing the saturation by 10% instead.

 36.4675, 0.4290,
0.3515


 36.4675, 0.4290,
0.3515


330.9993, 0.3680,
0.3426

 24.7955, 0.4449,
0.3528


 69.7530, 0.4063,
0.3489

 15.9247, 0.4655,
0.3538


 92.1353, 0.3979,
0.3477

 9.4709, 0.4933,
0.3538


 118.8565, 0.3909,
0.3467

 5.0496, 0.5321,
0.3513

150.3009, 0.3849,
0.3457

 2.2764, 0.5993,
0.3480

186.8530, 0.3798,
0.3448

 0.7612, 0.6852,
0.3148

228.8972, 0.3754,

 0.0000, 1.0000,

0.3440

0.0000

276.8178, 0.3715,
0.3432

0.0000, 0.0000,
0.0000

36.4675, 0.4290,
0.3515

36.4675, 0.4290,
0.3515

30.9860, 0.4676,
0.3553

43.0050, 0.3954,
0.3468

26.4992, 0.5095,
0.3572

50.6446, 0.3669,
0.3418

22.9482, 0.5516,
0.3566

59.4362, 0.3433,
0.3368

20.2650, 0.5888,
0.3526

69.4250, 0.3238,
0.3320

18.3714, 0.6160,
0.3457

80.6538, 0.3078,
0.3276

■ 17.9005, 0.6230,
0.3435

■ 93.0223, 0.2957,
0.3257

■ 95.0720, 0.2958,
0.3290

Harmonies

Analogous

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



36.4675, 0.3970, 0.3061



36.4675, 0.4290, 0.3515



36.4675, 0.4254, 0.3963

Triad

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



36.4675, 0.4290, 0.3515



36.4675, 0.2783, 0.4045



36.4675, 0.2345, 0.2359

Complementary

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



36.4675, 0.4290, 0.3515



54.7082, 0.2462, 0.3041

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.



36.4675, 0.2098, 0.2506



36.4675, 0.4290, 0.3515



36.4675, 0.2326, 0.3461

Square

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



36.4675, 0.4290, 0.3515



36.4675, 0.3360, 0.4362



36.4675, 0.2089, 0.2887



36.4675, 0.2807, 0.2427

Rectangle

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



36.4675, 0.4290, 0.3515



36.4675, 0.4048, 0.4208



36.4675, 0.2089, 0.2887



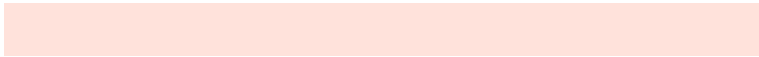
36.4675, 0.2237, 0.2383

Sweetspot

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



36.4693, 0.4290, 0.3515



80.6244, 0.3378, 0.3355



34.6198, 0.3354, 0.2319



16.6781, 0.3423, 0.3366



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.



36.4693, 0.4290, 0.3515



40.5632, 0.4661, 0.3551



55.2626, 0.3991, 0.4091



14.7842, 0.3288, 0.3333



10.5594, 0.6209, 0.3452



0.9025, 0.5944, 0.3663

Inverse Universe

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



54.7082, 0.2462, 0.3041



66.9201, 0.2355, 0.2980



33.4927, 0.2331, 0.2317



15.8732, 0.2981, 0.3247



23.9342, 0.2085, 0.2707



1.8840, 0.2112, 0.2802

Previews

White Background



This preview shows how the Yxy color 36.4675, 0.4290, 0.3515 looks on a white background.

Color Contrast Check

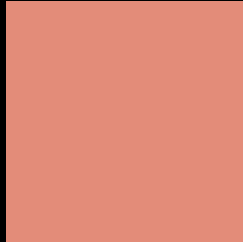
Large Text (above 18pt) WCAG AA × Fail

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 36.4675, 0.4290, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

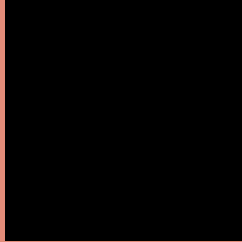
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4675, 0.4290, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 36.4675, 0.4290, 0.3515.



This preview shows how white text looks on a background with the Yxy color 36.4675, 0.4290, 0.3515.

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

36.4675, 0.4290, 0.3515

Protanopia

36.7173, 0.3517, 0.3751

Deuteranopia

36.4224, 0.3879, 0.3803



Tritanopia

36.3417, 0.4047, 0.3176

Trichromacy



Original Color

36.4675, 0.4290, 0.3515

Protanomaly

36.3125, 0.3794, 0.3669

Deuteranomaly

36.1237, 0.4026, 0.3690

Tritanomaly

36.1914, 0.4136, 0.3293

Monochromacy



Original Color

36.4675, 0.4290, 0.3515

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1456, 0.3520, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4675, 0.4290, 0.3515 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(227, 140, 121)` looks like.

```
.text, #text, p{  
    color:rgb(227, 140, 121)  
}
```

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(227, 140, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 140, 121) }
```

Border

The CSS property to change the border of an element to Yxy 36.4675, 0.4290, 0.3515 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(227, 140, 121) }
```

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

```
.border{ border-color:rgb(227, 140, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 140, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 140, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 140, 121);  
box-shadow:4px 4px 4px 4px rgb(227, 140,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4675, 0.4290, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 140, 121) }
```

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

```
.background{ background-color: rgb(227,  
140, 121) }
```

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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