

Converting Colors

Yxy(36.1318, 0.4312, 0.3520)

Have a look what the booklet for
Yxy(36.1318, 0.4312, 0.3520)
contains.

Yxy(36.1522, 0.4307, 0.3514)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.1522, 0.4307, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	E38B78
RGB	227, 139, 120
RGB Percent	89%, 55%, 47%
CMY	0.1097, 0.4550, 0.5293
CMYK	0.00, 0.39, 0.47, 0.11
HSL	11°, 66%, 68%
HSV	11°, 47%, 89%
XYZ	44.3106, 36.1522, 22.4177
YIQ	163.1460, 58.5470, 12.7470

Conversions

Conversions Part 2

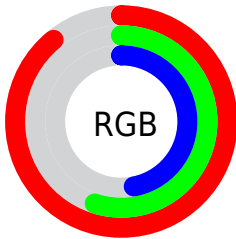
Format	Color
RYB	227, 143, 120
Decimal	14912376
CIELab	66.64, 31.51, 24.38
CIELCh	67, 39.838, 37.730
Yxy	36.1522, 0.4307, 0.3514
Android (android.graphics.Color)	4293102456 (0xFFE38B78)
YUV	163.1460, -21.2710, 56.0000
Hunter-Lab	60.1267, 26.3246, 19.9830

Details

The Yxy color **36.1522, 0.4307, 0.3514** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.6884, 0.2458, 0.3042**, and the grayscale version is **36.7812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3785, 0.3814, 0.3512**, and **15.7592, 0.4675, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **30.7120, 0.4695, 0.3550**, and if you desaturate by 10%, it is **42.6509, 0.3968, 0.3468**.

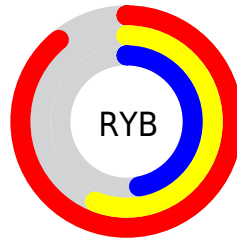
Distribution



Red (89%)

Green (55%)

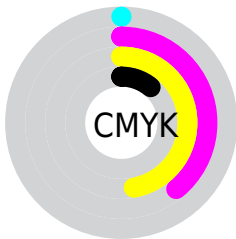
Blue (47%)



Red (89%)

Yellow (56%)

Blue (47%)

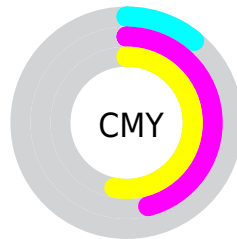


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (11%)



Cyan (11%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1522, 0.4307, 0.3514 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 36.1522, 0.4307, 0.3514 by changing the saturation by 10% instead.


 36.1522, 0.4307,
0.3514


 36.1522, 0.4307,
0.3514


329.6253, 0.3688,
0.3426


 24.5518, 0.4469,
0.3526


 69.2669, 0.4076,
0.3489

 15.7434, 0.4679,
0.3535


 91.5500, 0.3991,
0.3477

 9.3428, 0.4961,
0.3534


 118.1627, 0.3920,
0.3467

 4.9654, 0.5355,
0.3505

149.4895, 0.3859,
0.3457

 2.2270, 0.6056,
0.3475

185.9148, 0.3807,
0.3448

 0.7347, 0.6900,
0.3100

227.8229, 0.3762,

 0.0000, 1.0000,

0.3440

0.0000

275.5983, 0.3723,
0.3433

0.0000, 0.0000,
0.0000

36.1522, 0.4307,
0.3514

36.1522, 0.4307,
0.3514

30.7120, 0.4695,
0.3550

42.6509, 0.3968,
0.3468

26.2685, 0.5117,
0.3569

50.2549, 0.3681,
0.3418

22.7618, 0.5537,
0.3561

59.0144, 0.3442,
0.3369

20.1231, 0.5906,
0.3520

68.9753, 0.3246,
0.3322

18.2726, 0.6173,
0.3451

80.1807, 0.3084,
0.3278

■ 17.8702, 0.6234,
0.3432

■ 92.5916, 0.2958,
0.3250

■ 95.0767, 0.2958,
0.3290

Harmonies

Analogous

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



36.1522, 0.3980, 0.3055



36.1522, 0.4307, 0.3514



36.1522, 0.4272, 0.3968

Triad

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



36.1522, 0.4307, 0.3514



36.1522, 0.2781, 0.4060



36.1522, 0.2332, 0.2346

Complementary

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



36.1522, 0.4307, 0.3514



54.6884, 0.2458, 0.3042

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.



36.1522, 0.2083, 0.2496



36.1522, 0.4307, 0.3514



36.1522, 0.2316, 0.3467

Square

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



36.1522, 0.4307, 0.3514



36.1522, 0.3366, 0.4381



36.1522, 0.2075, 0.2883



36.1522, 0.2799, 0.2414

Rectangle

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



36.1522, 0.4307, 0.3514



36.1522, 0.4063, 0.4218



36.1522, 0.2075, 0.2883



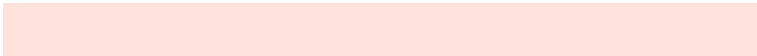
36.1522, 0.2224, 0.2371

Sweetspot

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



36.1540, 0.4307, 0.3514



80.5802, 0.3378, 0.3354



34.3876, 0.3357, 0.2311



16.6675, 0.3424, 0.3365



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.



36.1540, 0.4307, 0.3514



39.8205, 0.4705, 0.3551



55.1136, 0.4000, 0.4098



14.7788, 0.3288, 0.3332



10.5376, 0.6213, 0.3449



0.9000, 0.5949, 0.3659

Inverse Universe

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



54.6884, 0.2458, 0.3042



66.6847, 0.2346, 0.2978



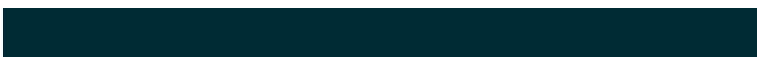
33.2159, 0.2323, 0.2306



15.8790, 0.2981, 0.3247



24.0603, 0.2088, 0.2715



1.8922, 0.2113, 0.2808

Previews

White Background



This preview shows how the Yxy color 36.1522, 0.4307, 0.3514 looks on a white background.

Color Contrast Check

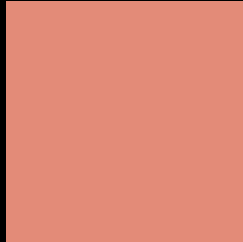
Large Text (above 18pt) WCAG AA × Fail

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 36.1522, 0.4307, 0.3514 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 36.1522, 0.4307, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 36.1522, 0.4307, 0.3514.



This preview shows how white text looks on a background with the Yxy color 36.1522, 0.4307, 0.3514.

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

36.1522, 0.4307, 0.3514

Protanopia

36.2500, 0.3510, 0.3739

Deuteranopia

36.3987, 0.3888, 0.3816



Tritanopia

36.0303, 0.4063, 0.3176

Trichromacy



Original Color

36.1522, 0.4307, 0.3514

Protanomaly

35.8500, 0.3788, 0.3658

Deuteranomaly

36.0998, 0.4037, 0.3703

Tritanomaly

35.8799, 0.4152, 0.3293

Monochromacy



Original Color

36.1522, 0.4307, 0.3514

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.6569, 0.3522, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1522, 0.4307, 0.3514 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, 139, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 139, 120)  
}
```

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, 139, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 139, 120) }
```

Border

The CSS property to change the border of an element to Yxy 36.1522, 0.4307, 0.3514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

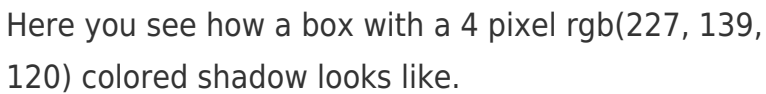
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 139, 120) }
```

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

```
.border{ border-color:rgb(227, 139, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 139, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 139, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 139, 120); box-shadow:4px 4px 4px 4px rgb(227, 139, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1522, 0.4307, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 139, 120) }
```

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

```
.background{ background-color: rgb(227,  
139, 120) }
```

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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