

Converting Colors

Yxy(36.0928, 0.4212, 0.3399)

Have a look what the booklet for
Yxy(36.0928, 0.4212, 0.3399)
contains.

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Color

Yxy(36.0928, 0.4212, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	E38A81
RGB	227, 138, 129
RGB Percent	89%, 54%, 51%
CMY	0.1098, 0.4588, 0.4942
CMYK	0.00, 0.39, 0.43, 0.11
HSL	6°, 64%, 70%
HSV	6°, 43%, 89%
XYZ	44.7258, 36.0928, 25.3680
YIQ	163.5850, 55.9330, 16.0690

Conversions

Conversions Part 2

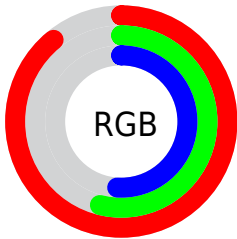
Format	Color
R _Y B	227, 139, 129
Decimal	14912129
CIE Lab	66.59, 32.91, 19.33
CIE LCh	67, 38.168, 30.431
Yxy	36.0928, 0.4212, 0.3399
Android (android.graphics.Color)	4293102209 (0xFFE38A81)
YUV	163.5850, -17.0504, 55.6150
Hunter-Lab	60.0773, 27.7527, 17.0186

Details

The Yxy color **36.0928, 0.4212, 0.3399** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.3265, 0.2524, 0.3174**, and the grayscale version is **36.9800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3367, 0.3734, 0.3396**, and **15.8306, 0.4556, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **30.1938, 0.4610, 0.3420**, and if you desaturate by 10%, it is **43.2511, 0.3873, 0.3374**.

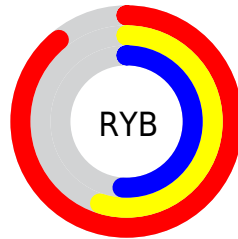
Distribution



Red (89%)

Green (54%)

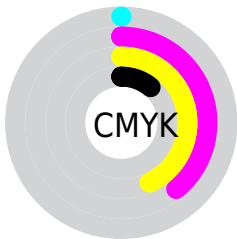
Blue (51%)



Red (89%)

Yellow (55%)

Blue (51%)

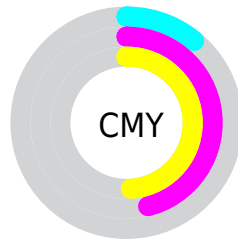


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0928, 0.4212, 0.3399 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 36.0928, 0.4212, 0.3399 by changing the saturation by 10% instead.


 36.0928, 0.4212,
0.3399


 36.0928, 0.4212,
0.3399


329.3660, 0.3641,
0.3364


 24.5059, 0.4362,
0.3400


 69.1753, 0.3998,
0.3392

 15.7093, 0.4559,
0.3396


 91.4396, 0.3920,
0.3387

 9.3187, 0.4826,
0.3381


 118.0319, 0.3854,
0.3383

 4.9496, 0.5206,
0.3340

149.3365, 0.3799,
0.3379

 2.2177, 0.5803,
0.3247

185.7378, 0.3751,
0.3375

 0.7296, 0.6974,
0.3026

227.6202, 0.3710,

 0.0000, 1.0000,

0.3371

0.0000

275.3681, 0.3673,
0.3368

0.0000, 0.0000,
0.0000

36.0928, 0.4212,
0.3399

36.0928, 0.4212,
0.3399

30.1938, 0.4610,
0.3420

43.2511, 0.3873,
0.3374

25.4760, 0.5054,
0.3432

51.7300, 0.3592,
0.3347

21.8613, 0.5509,
0.3430


61.5933, 0.3364,
0.3322

19.2596, 0.5917,
0.3410

72.8991, 0.3178,
0.3297

17.5666, 0.6214,
0.3373

85.7022, 0.3028,
0.3275

 16.8635, 0.6341,
0.3347

 95.0694, 0.2958,
0.3290

Harmonies

Analogous

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



36.0928, 0.3826, 0.2965



36.0928, 0.4212, 0.3399



36.0928, 0.4266, 0.3845

Triad

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



36.0928, 0.4212, 0.3399



36.0928, 0.2928, 0.4132



36.0928, 0.2283, 0.2397

Complementary

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



36.0928, 0.4212, 0.3399



60.3265, 0.2524, 0.3174

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.



36.0928, 0.2098, 0.2598



36.0928, 0.4212, 0.3399



36.0928, 0.2440, 0.3608

Square

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



36.0928, 0.4212, 0.3399



36.0928, 0.3497, 0.4350



36.0928, 0.2149, 0.3025



36.0928, 0.2687, 0.2412

Rectangle

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



36.0928, 0.4212, 0.3399



36.0928, 0.4115, 0.4105



36.0928, 0.2149, 0.3025



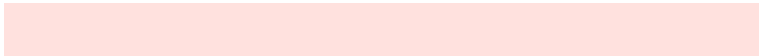
36.0928, 0.2196, 0.2438

Sweetspot

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



36.0946, 0.4212, 0.3399



80.3266, 0.3362, 0.3321



37.1276, 0.3253, 0.2310



16.5476, 0.3408, 0.3327



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.



36.0946, 0.4212, 0.3399



39.9006, 0.4574, 0.3418



53.0944, 0.3957, 0.3947



14.5806, 0.3290, 0.3312



9.9088, 0.6327, 0.3358



0.8059, 0.6149, 0.3499

Inverse Universe

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



60.3265, 0.2524, 0.3174



75.3490, 0.2426, 0.3145



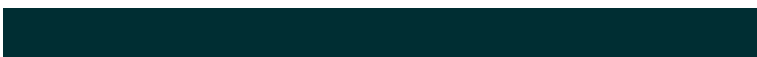
38.8898, 0.2413, 0.2520



16.0970, 0.2982, 0.3268



29.0869, 0.2166, 0.2999



2.2162, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 36.0928, 0.4212, 0.3399 looks on a white background.

Color Contrast Check

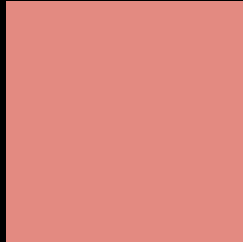
Large Text (above 18pt) WCAG AA × Fail

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 36.0928, 0.4212, 0.3399 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 36.0928, 0.4212, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 36.0928, 0.4212, 0.3399.



This preview shows how white text looks on a background with the Yxy color 36.0928, 0.4212, 0.3399.

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

36.0928, 0.4212, 0.3399

Protanopia

36.3098, 0.3396, 0.3594

Deuteranopia

36.2304, 0.3768, 0.3700



Tritanopia

36.1776, 0.4037, 0.3176

Trichromacy



Original Color

36.0928, 0.4212, 0.3399

Protanomaly

35.6650, 0.3679, 0.3509

Deuteranomaly

35.7237, 0.3927, 0.3578

Tritanomaly

36.2788, 0.4102, 0.3258

Monochromacy



Original Color

36.0928, 0.4212, 0.3399

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2419, 0.3490, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0928, 0.4212, 0.3399 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, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(227, 138, 129)  
}
```

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, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 138, 129) }
```

Border

The CSS property to change the border of an element to Yxy 36.0928, 0.4212, 0.3399 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, 138, 129) }
```

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

```
.border{ border-color:rgb(227, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(227, 138,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0928, 0.4212, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 138, 129) }
```

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

```
.background{ background-color: rgb(227,  
138, 129) }
```

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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