

Converting Colors

Yxy(36.4861, 0.4375, 0.3493)

Have a look what the booklet for
Yxy(36.4861, 0.4375, 0.3493)
contains.

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Color

Yxy(36.4032, 0.4369, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	E88978
RGB	232, 137, 120
RGB Percent	91%, 54%, 47%
CMY	0.0902, 0.4627, 0.5295
CMYK	0.00, 0.41, 0.48, 0.09
HSL	9°, 71%, 69%
HSV	9°, 48%, 91%
XYZ	45.6110, 36.4032, 22.3827
YIQ	163.4670, 62.0770, 14.8530

Conversions

Conversions Part 2

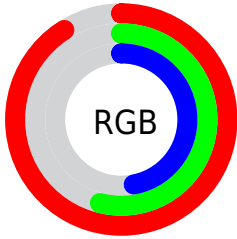
Format	Color
R _Y B	232, 140, 120
Decimal	15239544
CIE Lab	66.83, 34.44, 24.77
CIE LCh	67, 42.423, 35.722
Yxy	36.4032, 0.4369, 0.3487
Android (android.graphics.Color)	4293429624 (0xFFE88978)
YUV	163.4670, -21.4292, 60.1034
Hunter-Lab	60.3351, 29.3528, 20.2395

Details

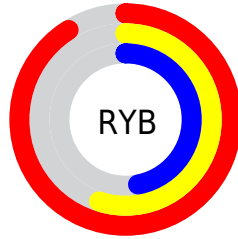
The Yxy color **36.4032, 0.4369, 0.3487** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.3917, 0.2451, 0.3071**, and the grayscale version is **36.9402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5002, 0.3821, 0.3491**, and **15.8362, 0.4769, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **30.8161, 0.4772, 0.3516**, and if you desaturate by 10%, it is **43.1498, 0.4016, 0.3448**.

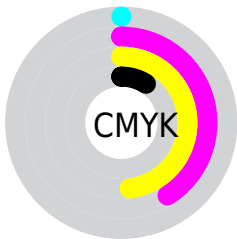
Distribution



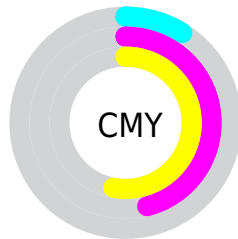
- Red (91%)
- Green (54%)
- Blue (47%)



- Red (91%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (48%)
- Black (9%)





- Cyan (9%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4032, 0.4369, 0.3487 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 36.4032, 0.4369, 0.3487 by changing the saturation by 10% instead.


 36.4032, 0.4369,
0.3487


 36.4032, 0.4369,
0.3487


330.7194, 0.3718,
0.3416


 24.7458, 0.4538,
0.3494


 69.6539, 0.4127,
0.3469

 15.8877, 0.4758,
0.3495


 92.0160, 0.4037,
0.3459

 9.4447, 0.5052,
0.3484


 118.7151, 0.3962,
0.3451

 5.0324, 0.5461,
0.3439

150.1356, 0.3899,
0.3442

 2.2663, 0.6177,
0.3381

186.6619, 0.3844,
0.3435

 0.7558, 0.7022,
0.2978

228.6784, 0.3796,

 0.0000, 1.0000,

0.3428

0.0000

276.5694, 0.3755,
0.3422

0.0000, 0.0000,
0.0000

36.4032, 0.4369,
0.3487

36.4032, 0.4369,
0.3487

30.8161, 0.4772,
0.3516

43.1498, 0.4016,
0.3448

26.3176, 0.5207,
0.3528

51.1106, 0.3717,
0.3406

22.8373, 0.5632,
0.3516

60.3436, 0.3470,
0.3363

20.2943, 0.5992,
0.3474

70.9012, 0.3267,
0.3322

18.5922, 0.6239,
0.3411

82.8331, 0.3101,
0.3284

■ 18.3737, 0.6273,
0.3401

■ 95.8943, 0.2987,
0.3290

Harmonies

Analogous

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



36.4032, 0.3998, 0.3008



36.4032, 0.4369, 0.3487



36.4032, 0.4354, 0.3970

Triad

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



36.4032, 0.4369, 0.3487



36.4032, 0.2796, 0.4149



36.4032, 0.2262, 0.2298

Complementary

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



36.4032, 0.4369, 0.3487



58.3917, 0.2451, 0.3071

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.



36.4032, 0.2018, 0.2468



36.4032, 0.4369, 0.3487



36.4032, 0.2294, 0.3521

Square

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



36.4032, 0.4369, 0.3487



36.4032, 0.3417, 0.4461



36.4032, 0.2026, 0.2890



36.4032, 0.2739, 0.2356

Rectangle

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



36.4032, 0.4369, 0.3487



36.4032, 0.4143, 0.4245



36.4032, 0.2026, 0.2890



36.4032, 0.2154, 0.2327

Sweetspot

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



36.4050, 0.4369, 0.3487



80.0955, 0.3380, 0.3345



35.4965, 0.3345, 0.2271



16.5509, 0.3425, 0.3354



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.



36.4050, 0.4369, 0.3487



38.1829, 0.4773, 0.3516



56.5543, 0.4036, 0.4099



14.7201, 0.3289, 0.3326



10.3153, 0.6252, 0.3418



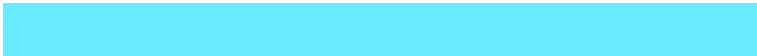
0.8722, 0.6005, 0.3614

Inverse Universe

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



58.3917, 0.2451, 0.3071



68.3467, 0.2346, 0.3018



34.6746, 0.2306, 0.2302



15.9431, 0.2981, 0.3253



25.4786, 0.2111, 0.2801



1.9844, 0.2133, 0.2879

Previews

White Background



This preview shows how the Yxy color 36.4032, 0.4369, 0.3487 looks on a white background.

Color Contrast Check

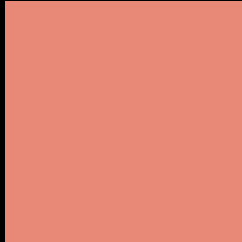
Large Text (above 18pt) WCAG AA × Fail

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 36.4032, 0.4369, 0.3487 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 36.4032, 0.4369, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 36.4032, 0.4369, 0.3487.



This preview shows how white text looks on a background with the Yxy color 36.4032, 0.4369, 0.3487.

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

36.4032, 0.4369, 0.3487

Protanopia

36.7446, 0.3508, 0.3736

Deuteranopia

36.5072, 0.3909, 0.3827



Tritanopia

36.5258, 0.4142, 0.3191

Trichromacy



Original Color

36.4032, 0.4369, 0.3487

Protanomaly

36.1390, 0.3799, 0.3641

Deuteranomaly

36.1891, 0.4084, 0.3698

Tritanomaly

36.4009, 0.4220, 0.3293

Monochromacy



Original Color

36.4032, 0.4369, 0.3487

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.9092, 0.3543, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4032, 0.4369, 0.3487 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(232, 137, 120)` looks like.

```
.text, #text, p{  
    color:rgb(232, 137, 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(232, 137, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 137, 120) }
```

Border

The CSS property to change the border of an element to Yxy 36.4032, 0.4369, 0.3487 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(232, 137, 120) }
```

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

```
.border{ border-color:rgb(232, 137, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 137, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 137, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 137, 120);  
box-shadow:4px 4px 4px 4px rgb(232, 137,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4032, 0.4369, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 137, 120) }
```

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

```
.background{ background-color: rgb(232,  
137, 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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