

Converting Colors

$Y_{xy}(36.6320, 0.4004, 0.3196)$

Have a look what the booklet for
Yxy(36.6320, 0.4004, 0.3196)
contains.

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Color

Yxy(36.4523, 0.3996, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	E28A93
RGB	226, 138, 147
RGB Percent	89%, 54%, 58%
CMY	0.1137, 0.4588, 0.4234
CMYK	0.00, 0.39, 0.35, 0.11
HSL	354°, 60%, 71%
HSV	354°, 39%, 89%
XYZ	45.7198, 36.4523, 32.2419
YIQ	165.3380, 49.5590, 21.4550

Conversions

Conversions Part 2

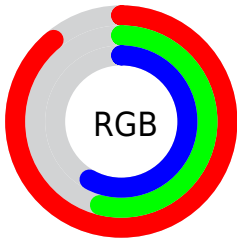
Format	Color
R _Y B	226, 138, 147
Decimal	14846611
CIE Lab	66.86, 34.59, 9.56
CIE LCh	67, 35.890, 15.454
Yxy	36.4523, 0.3996, 0.3186
Android (android.graphics.Color)	4293036691 (0xFFE28A93)
YUV	165.3380, -9.0406, 53.2006
Hunter-Lab	60.3757, 29.5125, 10.6010

Details

The Yxy color **36.4523, 0.3996, 0.3186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.8025, 0.2635, 0.3402**, and the grayscale version is **37.8258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6170, 0.3573, 0.3209**, and **15.8435, 0.4267, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **30.0480, 0.4352, 0.3162**, and if you desaturate by 10%, it is **44.3215, 0.3700, 0.3213**.

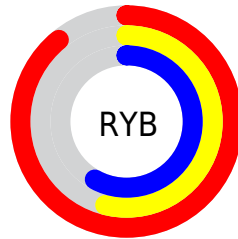
Distribution



Red (89%)

Green (54%)

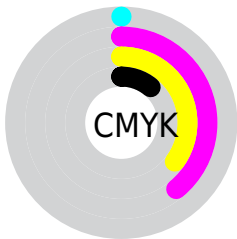
Blue (58%)



Red (89%)

Yellow (54%)

Blue (58%)

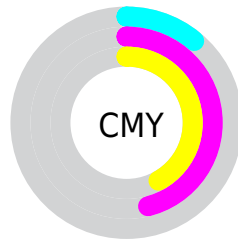


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4523, 0.3996, 0.3186 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 36.4523, 0.3996, 0.3186 by changing the saturation by 10% instead.


 36.4523, 0.3996,
0.3186


 36.4523, 0.3996,
0.3186


330.9332, 0.3540,
0.3251


 24.7837, 0.4116,
0.3166


 69.7296, 0.3825,
0.3213

 15.9160, 0.4275,
0.3137


 92.1071, 0.3763,
0.3222

 9.4647, 0.4492,
0.3093


 118.8231, 0.3710,
0.3229

 5.0455, 0.4807,
0.3022

150.2619, 0.3666,
0.3235

 2.2740, 0.5297,
0.2894

186.8079, 0.3628,
0.3240

 0.7599, 0.6614,
0.2801

228.8455, 0.3595,


 0.0000, 1.0000,

0.3244


0.0000


276.7591, 0.3566,
0.3247


 0.0000, 0.0000,
0.0000

 36.4523, 0.3996,
0.3186


 36.4523, 0.3996,
0.3186

 30.0480, 0.4352,
0.3162


 44.3215, 0.3700,
0.3213

 25.0131, 0.4766,
0.3147


 53.7328, 0.3460,
0.3241


 21.2492, 0.5216,
0.3144

 64.7643, 0.3267,
0.3268

 18.6422, 0.5658,
0.3159

 77.4874, 0.3112,
0.3293

 17.0580, 0.6030,
0.3195

 91.9691, 0.2988,
0.3316

■ 16.2920, 0.6278,
0.3240

■ 94.9081, 0.2952,
0.3289

■ 16.2307, 0.6299,
0.3243

Harmonies

Analogous

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



36.4523, 0.3523, 0.2806



36.4523, 0.3996, 0.3186



36.4523, 0.4212, 0.3612

Triad

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



36.4523, 0.3996, 0.3186



36.4523, 0.3210, 0.4221



36.4523, 0.2216, 0.2518

Complementary

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



36.4523, 0.3996, 0.3186



64.8025, 0.2635, 0.3402

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.



36.4523, 0.2151, 0.2819



36.4523, 0.3996, 0.3186



36.4523, 0.2695, 0.3854

Square

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



36.4523, 0.3996, 0.3186



36.4523, 0.3728, 0.4255



36.4523, 0.2317, 0.3308



36.4523, 0.2500, 0.2430

Rectangle

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



36.4523, 0.3996, 0.3186



36.4523, 0.4174, 0.3884



36.4523, 0.2317, 0.3308



36.4523, 0.2169, 0.2594

Sweetspot

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



36.4541, 0.3996, 0.3186



80.3624, 0.3323, 0.3259



38.2271, 0.3077, 0.2304



16.7853, 0.3348, 0.3256



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.



36.4541, 0.3996, 0.3186



40.7503, 0.4290, 0.3166



47.4075, 0.3939, 0.3687



13.7233, 0.3276, 0.3266



9.2681, 0.6276, 0.3231



0.6503, 0.5981, 0.3069

Inverse Universe

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



36.4541, 0.3996, 0.3186



40.7503, 0.4290, 0.3166



48.7108, 0.2523, 0.2850



13.7233, 0.3276, 0.3266



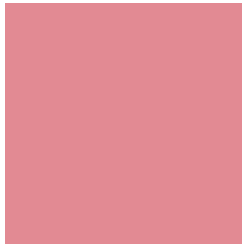
9.2681, 0.6276, 0.3231



0.6503, 0.5981, 0.3069

Previews

White Background



This preview shows how the Yxy color 36.4523, 0.3996, 0.3186 looks on a white background.

Color Contrast Check

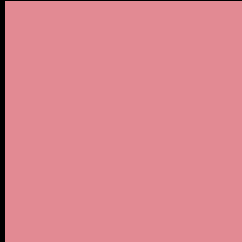
Large Text (above 18pt) WCAG AA × Fail

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 36.4523, 0.3996, 0.3186 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 36.4523, 0.3996, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 36.4523, 0.3996, 0.3186.



This preview shows how white text looks on a background with the Yxy color 36.4523, 0.3996, 0.3186.

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

36.4523, 0.3996, 0.3186

Protanopia

36.5942, 0.3193, 0.3319

Deuteranopia

36.5667, 0.3543, 0.3470



Tritanopia

36.4838, 0.3985, 0.3175

Trichromacy



Original Color

36.4523, 0.3996, 0.3186

Protanomaly

35.8404, 0.3465, 0.3264

Deuteranomaly

36.2745, 0.3711, 0.3357

Tritanomaly

36.4838, 0.3985, 0.3175

Monochromacy



Original Color

36.4523, 0.3996, 0.3186

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4761, 0.3420, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4523, 0.3996, 0.3186 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(226, 138, 147)` looks like.

```
.text, #text, p{  
    color:rgb(226, 138, 147)  
}
```

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(226, 138, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 138, 147) }
```

Border

The CSS property to change the border of an element to Yxy 36.4523, 0.3996, 0.3186 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(226, 138, 147) }
```

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

```
.border{ border-color:rgb(226, 138, 147) }
```

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

Here you see how a box with a 4 pixel rgb(226, 138, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 138, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 138, 147);  
box-shadow:4px 4px 4px 4px rgb(226, 138,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4523, 0.3996, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 138, 147) }
```

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

```
.background{ background-color: rgb(226,  
138, 147) }
```

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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