

Converting Colors

$Y_{xy}(36.5934, 0.4213, 0.3457)$

Have a look what the booklet for
Yxy(36.5934, 0.4213, 0.3457)
contains.

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Color

Yxy(36.7508, 0.4207, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	E28D7F
RGB	226, 141, 127
RGB Percent	89%, 55%, 50%
CMY	0.1139, 0.4470, 0.5020
CMYK	0.00, 0.38, 0.44, 0.11
HSL	9°, 63%, 69%
HSV	9°, 44%, 89%
XYZ	44.7110, 36.7508, 24.8158
YIQ	164.8190, 55.1540, 13.6660

Conversions

Conversions Part 2

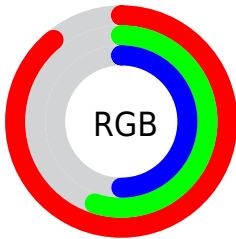
Format	Color
R _Y B	226, 143, 127
Decimal	14847359
CIE Lab	67.09, 30.72, 21.09
CIE LCh	67, 37.261, 34.475
Yxy	36.7508, 0.4207, 0.3458
Android (android.graphics.Color)	4293037439 (0xFFE28D7F)
YUV	164.8190, -18.6448, 53.6557
Hunter-Lab	60.6224, 25.5602, 18.1653

Details

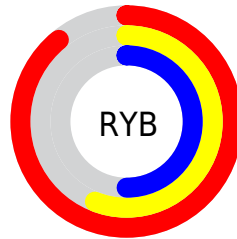
The Yxy color **36.7508, 0.4207, 0.3458** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.0567, 0.2506, 0.3108**, and the grayscale version is **37.6084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5855, 0.3742, 0.3448**, and **16.1872, 0.4547, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **30.9995, 0.4592, 0.3490**, and if you desaturate by 10%, it is **43.6394, 0.3877, 0.3420**.

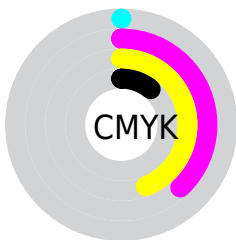
Distribution



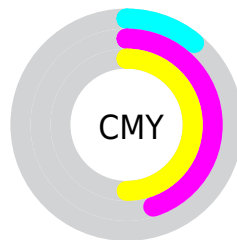
- Red (89%)
- Green (55%)
- Blue (50%)



- Red (89%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (44%)
- Black (11%)




- Cyan (11%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7508, 0.4207, 0.3458 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 36.7508, 0.4207, 0.3458 by changing the saturation by 10% instead.

 36.7508, 0.4207,
0.3458


 36.7508, 0.4207,
0.3458


332.2304, 0.3641,
0.3394

 25.0146, 0.4355,
0.3466


 70.1893, 0.3996,
0.3440

 16.0879, 0.4549,
0.3471


 92.6605, 0.3918,
0.3432

 9.5864, 0.4810,
0.3468


 119.4787, 0.3853,
0.3424

 5.1256, 0.5180,
0.3443

151.0285, 0.3798,
0.3417

 2.3211, 0.5767,
0.3380

187.6941, 0.3750,
0.3410

 0.7849, 0.6816,
0.3184

229.8601, 0.3709,

 0.0000, 1.0000,

0.3404

0.0000

277.9107, 0.3673,
0.3399

0.0000, 0.0000,
0.0000

36.7508, 0.4207,
0.3458

36.7508, 0.4207,
0.3458

30.9995, 0.4592,
0.3490

43.6394, 0.3877,
0.3420

26.3188, 0.5019,
0.3509

51.7162, 0.3601,
0.3380

22.6435, 0.5457,
0.3508

61.0360, 0.3374,
0.3340

19.8991, 0.5856,
0.3480

71.6481, 0.3188,
0.3303

18.0001, 0.6156,
0.3427

83.5994, 0.3037,
0.3269

■ 17.1970, 0.6285,
0.3392

■ 94.9027, 0.2952,
0.3289

Harmonies

Analogous

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



36.7508, 0.3870, 0.3029



36.7508, 0.4207, 0.3458



36.7508, 0.4215, 0.3888

Triad

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



36.7508, 0.4207, 0.3458



36.7508, 0.2864, 0.4050



36.7508, 0.2348, 0.2411

Complementary

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



36.7508, 0.4207, 0.3458



57.0567, 0.2506, 0.3108

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.



36.7508, 0.2136, 0.2579



36.7508, 0.4207, 0.3458



36.7508, 0.2409, 0.3520

Square

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



36.7508, 0.4207, 0.3458



36.7508, 0.3415, 0.4310



36.7508, 0.2155, 0.2967



36.7508, 0.2767, 0.2452

Rectangle

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



36.7508, 0.4207, 0.3458



36.7508, 0.4043, 0.4128



36.7508, 0.2155, 0.2967



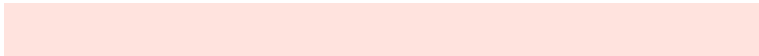
36.7508, 0.2252, 0.2442

Sweetspot

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



36.7526, 0.4207, 0.3458



81.2172, 0.3360, 0.3338



36.1341, 0.3304, 0.2344



16.7641, 0.3405, 0.3346



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.



36.7526, 0.4207, 0.3458



41.0788, 0.4574, 0.3489



54.3821, 0.3946, 0.4009



14.0123, 0.3289, 0.3324



9.9168, 0.6266, 0.3407



0.7884, 0.6014, 0.3607

Inverse Universe

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



57.0567, 0.2506, 0.3108



71.1046, 0.2400, 0.3062



36.2975, 0.2391, 0.2437



15.2238, 0.2982, 0.3256



25.2702, 0.2121, 0.2836



1.8437, 0.2143, 0.2913

Previews

White Background



This preview shows how the Yxy color 36.7508, 0.4207, 0.3458 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 36.7508, 0.4207, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

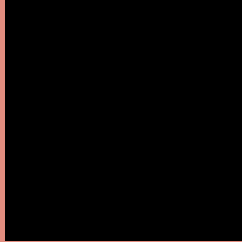
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7508, 0.4207, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 36.7508, 0.4207, 0.3458.



This preview shows how white text looks on a background with the Yxy color 36.7508, 0.4207, 0.3458.

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

36.7508, 0.4207, 0.3458

Protanopia

36.9136, 0.3452, 0.3649

Deuteranopia

36.9066, 0.3815, 0.3735



Tritanopia

36.8091, 0.4005, 0.3176

Trichromacy



Original Color

36.7508, 0.4207, 0.3458

Protanomaly

36.3704, 0.3713, 0.3576

Deuteranomaly

36.5930, 0.3959, 0.3627

Tritanomaly

36.6896, 0.4082, 0.3281

Monochromacy



Original Color

36.7508, 0.4207, 0.3458

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5761, 0.3487, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7508, 0.4207, 0.3458 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, 141, 127)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 127)  
}
```

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, 141, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.7508, 0.4207, 0.3458 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, 141, 127) }
```

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

```
.border{ border-color:rgb(226, 141, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 141, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 141, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 141, 127);  
box-shadow:4px 4px 4px 4px rgb(226, 141,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7508, 0.4207, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 141, 127) }
```

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

```
.background{ background-color: rgb(226,  
141, 127) }
```

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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