

Converting Colors

$Y_{xy}(37.5208, 0.4019, 0.3211)$

Have a look what the booklet for
Yxy(37.5208, 0.4019, 0.3211)
contains.

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Color

Yxy(37.5208, 0.4019, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	E58C93
RGB	229, 140, 147
RGB Percent	90%, 55%, 58%
CMY	0.1019, 0.4510, 0.4236
CMYK	0.00, 0.39, 0.36, 0.10
HSL	355°, 63%, 72%
HSV	355°, 39%, 90%
XYZ	46.9623, 37.5208, 32.3677
YIQ	167.4090, 50.7970, 21.0450

Conversions

Conversions Part 2

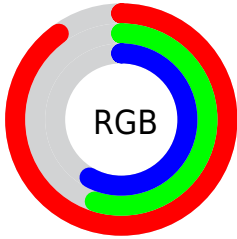
Format	Color
R _Y B	229, 140, 147
Decimal	15043731
CIE Lab	67.67, 34.65, 10.77
CIE LCh	68, 36.289, 17.269
Yxy	37.5208, 0.4019, 0.3211
Android (android.graphics.Color)	4293233811 (0xFFE58C93)
YUV	167.4090, -10.0616, 54.0153
Hunter-Lab	61.2542, 29.6574, 11.5482

Details

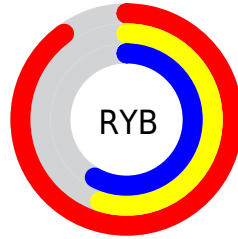
The Yxy color **37.5208, 0.4019, 0.3211** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.9009, 0.2625, 0.3375**, and the grayscale version is **38.8856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5073, 0.3569, 0.3229**, and **16.5004, 0.4295, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **30.9094, 0.4386, 0.3193**, and if you desaturate by 10%, it is **45.6501, 0.3715, 0.3232**.

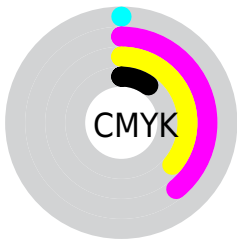
Distribution



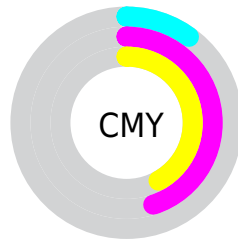
- Red (90%)
- Green (55%)
- Blue (58%)



- Red (90%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (10%)




- Cyan (10%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5208, 0.4019, 0.3211 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 37.5208, 0.4019, 0.3211 by changing the saturation by 10% instead.


 37.5208, 0.4019,
0.3211


 37.5208, 0.4019,
0.3211


335.5598, 0.3553,
0.3264


 25.6110, 0.4141,
0.3193


 71.3731, 0.3845,
0.3233

 16.5328, 0.4302,
0.3168

 94.0843, 0.3781,
0.3241

 9.9020, 0.4521,
0.3129


 121.1648, 0.3728,
0.3247

 5.3340, 0.4836,
0.3065

152.9989, 0.3682,
0.3251

 2.4445, 0.5322,
0.2945

189.9711, 0.3643,
0.3255

 0.8487, 0.6556,
0.2867

232.4657, 0.3609,

 0.0000, 1.0000,

0.3258


0.0000


280.8671, 0.3579,
0.3261


 0.0000, 0.0000,
0.0000

 37.5208, 0.4019,
0.3211


 37.5208, 0.4019,
0.3211

 30.9094, 0.4386,
0.3193


 45.6501, 0.3715,
0.3232


 25.7165, 0.4811,
0.3182


 55.3776, 0.3468,
0.3253


 21.8401, 0.5270,
0.3181

 66.7842, 0.3270,
0.3273

 19.1615, 0.5716,
0.3195

 79.9441, 0.3111,
0.3292

 17.5412, 0.6081,
0.3224

 94.9268, 0.2983,
0.3310

■ 16.7695, 0.6312,
0.3259

■ 95.4016, 0.2970,
0.3290

■ 16.7053, 0.6331,
0.3261

Harmonies

Analogous

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



37.5208, 0.3557, 0.2826



37.5208, 0.4019, 0.3211



37.5208, 0.4216, 0.3638

Triad

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



37.5208, 0.4019, 0.3211



37.5208, 0.3177, 0.4209



37.5208, 0.2226, 0.2505

Complementary

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



37.5208, 0.4019, 0.3211



66.9009, 0.2625, 0.3375

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.



37.5208, 0.2148, 0.2794



37.5208, 0.4019, 0.3211



37.5208, 0.2666, 0.3824

Square

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



37.5208, 0.4019, 0.3211



37.5208, 0.3700, 0.4264



37.5208, 0.2299, 0.3275



37.5208, 0.2523, 0.2430

Rectangle

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



37.5208, 0.4019, 0.3211



37.5208, 0.4165, 0.3908



37.5208, 0.2299, 0.3275



37.5208, 0.2175, 0.2577

Sweetspot

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



37.5226, 0.4019, 0.3211



80.3219, 0.3328, 0.3267



39.8800, 0.3104, 0.2313



16.7759, 0.3354, 0.3264



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.



37.5226, 0.4019, 0.3211



40.6610, 0.4323, 0.3196



50.0345, 0.3925, 0.3720



14.3863, 0.3280, 0.3272



9.5560, 0.6312, 0.3251



0.7126, 0.6086, 0.3126

Inverse Universe

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



37.5226, 0.4019, 0.3211



40.6610, 0.4323, 0.3196



48.9007, 0.2517, 0.2811



14.3863, 0.3280, 0.3272



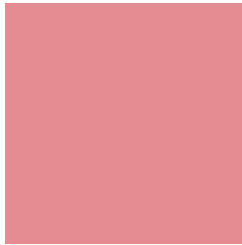
9.5560, 0.6312, 0.3251



0.7126, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 37.5208, 0.4019, 0.3211 looks on a white background.

Color Contrast Check

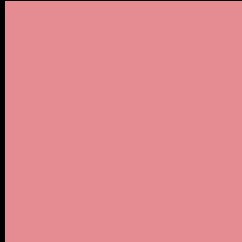
Large Text (above 18pt) WCAG AA × Fail

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 37.5208, 0.4019, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

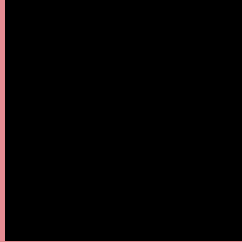
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5208, 0.4019, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 37.5208, 0.4019, 0.3211.



This preview shows how white text looks on a background with the Yxy color 37.5208, 0.4019, 0.3211.

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

37.5208, 0.4019, 0.3211

Protanopia

37.8833, 0.3208, 0.3361

Deuteranopia

37.6287, 0.3568, 0.3495



Tritanopia

37.6162, 0.3985, 0.3176

Trichromacy



Original Color

37.5208, 0.4019, 0.3211

Protanomaly

37.2199, 0.3488, 0.3304

Deuteranomaly

37.3382, 0.3736, 0.3382

Tritanomaly

37.5841, 0.3996, 0.3188

Monochromacy



Original Color

37.5208, 0.4019, 0.3211

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.5992, 0.3427, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5208, 0.4019, 0.3211 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(229, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(229, 140, 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(229, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 140, 147) }
```

Border

The CSS property to change the border of an element to Yxy 37.5208, 0.4019, 0.3211 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(229, 140, 147) }
```

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

```
.border{ border-color:rgb(229, 140, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 140, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(229, 140,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5208, 0.4019, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 140, 147) }
```

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

```
.background{ background-color: rgb(229,  
140, 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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