

Converting Colors

$Y_{xy}(37.2160, 0.4218, 0.3230)$

Have a look what the booklet for
Yxy(37.2160, 0.4218, 0.3230)
contains.

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Color

Yxy(37.1208, 0.4217, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	EE868C
RGB	238, 134, 140
RGB Percent	93%, 53%, 55%
CMY	0.0666, 0.4745, 0.4509
CMYK	0.00, 0.44, 0.41, 0.07
HSL	357°, 75%, 73%
HSV	357°, 44%, 93%
XYZ	48.5240, 37.1208, 29.4228
YIQ	165.7800, 60.0580, 23.9140

Conversions

Conversions Part 2

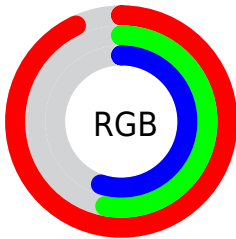
Format	Color
R _Y B	238, 134, 140
Decimal	15632012
CIE Lab	67.37, 40.27, 14.44
CIE LCh	67, 42.782, 19.720
Yxy	37.1208, 0.4217, 0.3226
Android (android.graphics.Color)	4293822092 (0xFFEE868C)
YUV	165.7800, -12.7095, 63.3369
Hunter-Lab	60.9268, 35.5409, 14.0165

Details

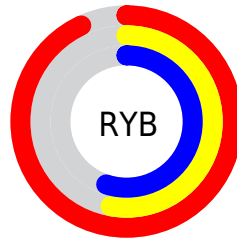
The Yxy color **37.1208, 0.4217, 0.3226** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0541, 0.2564, 0.3361**, and the grayscale version is **38.0631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5054, 0.3649, 0.3250**, and **16.3565, 0.4563, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **30.6719, 0.4624, 0.3216**, and if you desaturate by 10%, it is **45.1887, 0.3873, 0.3240**.

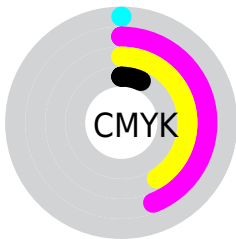
Distribution



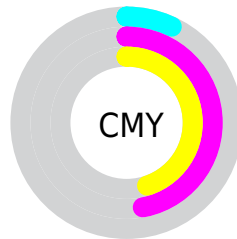
- Red (93%)
- Green (53%)
- Blue (55%)



- Red (93%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1208, 0.4217, 0.3226 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 37.1208, 0.4217, 0.3226 by changing the saturation by 10% instead.


 37.1208, 0.4217,
0.3226

 37.1208, 0.4217,
0.3226

333.8332, 0.3646,
0.3277


 25.3010, 0.4366,
0.3206


 70.7585, 0.4004,
0.3250

 16.3015, 0.4562,
0.3177


 93.3453, 0.3926,
0.3257

 9.7377, 0.4827,
0.3130


 120.2898, 0.3860,
0.3263

 5.2254, 0.5205,
0.3050

151.9766, 0.3805,
0.3267

 2.3801, 0.5776,
0.2898

188.7899, 0.3757,
0.3270

 0.8156, 0.7232,
0.2768

231.1142, 0.3715,

 0.0000, 1.0000,

0.3273

0.0000

279.3338, 0.3679,
0.3276

0.0000, 0.0000,
0.0000

37.1208, 0.4217,
0.3226

37.1208, 0.4217,
0.3226

30.6719, 0.4624,
0.3216

45.1887, 0.3873,
0.3240

25.7276, 0.5080,
0.3211

54.9686, 0.3592,
0.3255

22.1675, 0.5546,
0.3217


66.5534, 0.3366,
0.3271


19.8504, 0.5958,
0.3234

80.0274, 0.3185,
0.3285

18.6049, 0.6248,
0.3261

95.4699, 0.3040,
0.3298

 18.2115, 0.6355,
0.3275

 96.9204, 0.3023,
0.3290

Harmonies

Analogous

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



37.1208, 0.3684, 0.2780



37.1208, 0.4217, 0.3226



37.1208, 0.4414, 0.3717

Triad

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



37.1208, 0.4217, 0.3226



37.1208, 0.3122, 0.4371



37.1208, 0.2100, 0.2356

Complementary

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



37.1208, 0.4217, 0.3226



72.0541, 0.2564, 0.3361

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.



37.1208, 0.1988, 0.2660



37.1208, 0.4217, 0.3226



37.1208, 0.2537, 0.3878

Square

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



37.1208, 0.4217, 0.3226



37.1208, 0.3741, 0.4451



37.1208, 0.2135, 0.3209



37.1208, 0.2457, 0.2297

Rectangle

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



37.1208, 0.4217, 0.3226



37.1208, 0.4325, 0.4031



37.1208, 0.2135, 0.3209



37.1208, 0.2035, 0.2429

Sweetspot

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



37.1227, 0.4217, 0.3226



78.7921, 0.3353, 0.3271



40.2255, 0.3114, 0.2200



16.1755, 0.3398, 0.3268



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.



37.1227, 0.4217, 0.3226



36.8911, 0.4559, 0.3217



52.1702, 0.4049, 0.3793



15.7737, 0.3284, 0.3277



10.1643, 0.6340, 0.3266



0.8508, 0.6184, 0.3180

Inverse Universe

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



37.1227, 0.4217, 0.3226



36.8911, 0.4559, 0.3217



49.3559, 0.2438, 0.2715



15.7737, 0.3284, 0.3277



10.1643, 0.6340, 0.3266



0.8508, 0.6184, 0.3180

Previews

White Background



This preview shows how the Yxy color 37.1208, 0.4217, 0.3226 looks on a white background.

Color Contrast Check

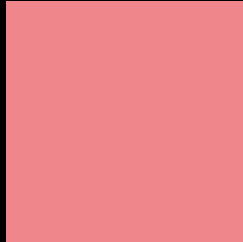
Large Text (above 18pt) WCAG AA × Fail

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 37.1208, 0.4217, 0.3226 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 37.1208, 0.4217, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 37.1208, 0.4217, 0.3226.



This preview shows how white text looks on a background with the Yxy color 37.1208, 0.4217, 0.3226.

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

37.1208, 0.4217, 0.3226

Protanopia

37.4635, 0.3264, 0.3419

Deuteranopia

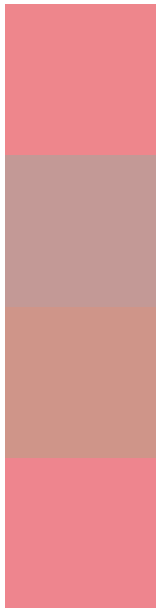
37.1784, 0.3660, 0.3590



Tritanopia

36.9354, 0.4187, 0.3181

Trichromacy



Original Color

37.1208, 0.4217, 0.3226

Protanomaly

36.5866, 0.3588, 0.3331

Deuteranomaly

36.5664, 0.3863, 0.3446

Tritanomaly

36.9052, 0.4198, 0.3193

Monochromacy



Original Color

37.1208, 0.4217, 0.3226

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.7520, 0.3483, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1208, 0.4217, 0.3226 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(238, 134, 140)` looks like.

```
.text, #text, p{  
    color:rgb(238, 134, 140)  
}
```

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(238, 134, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 134, 140) }
```

Border

The CSS property to change the border of an element to Yxy 37.1208, 0.4217, 0.3226 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(238, 134, 140) }
```

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

```
.border{ border-color:rgb(238, 134, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 134, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(238, 134,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1208, 0.4217, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 134, 140) }
```

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

```
.background{ background-color: rgb(238,  
134, 140) }
```

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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