

Converting Colors

YUV(159.2150, -12.4310,
67.3404)

Have a look what the booklet for
YUV(159.2150, -12.4310, 67.3404)
contains.

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Color

**YUV(159.2150, -12.4310,
67.3404)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7D86
RGB	236, 125, 134
RGB Percent	93%, 49%, 53%
CMY	0.0745, 0.5098, 0.4745
CMYK	0.00, 0.47, 0.43, 0.07
HSL	355°, 74%, 71%
HSV	355°, 47%, 93%
XYZ	46.2288, 34.2213, 26.7231
YIQ	159.2150, 63.2670, 26.3310

Conversions

Conversions Part 2

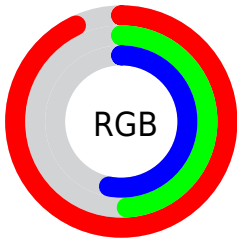
Format	Color
RYB	236, 125, 134
Decimal	15498630
CIELab	65.14, 43.48, 14.67
CIELCh	65, 45.890, 18.648
Yxy	34.2213, 0.4313, 0.3193
Android (android.graphics.Color)	4293688710 (0xFFEC7D86)
YUV	159.2150, -12.4310, 67.3404
Hunter-Lab	58.4990, 38.6862, 13.8648

Details

The YUV color **159.2150, -12.4310, 67.3404** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **201.7850, 12.4310, -67.3404**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2230, -7.9979, 45.4084**, and **104.8770, -9.7994, 63.2519** is the 20% darker color. If you saturate the color by 10%, you get **142.6190, -15.0952, 81.8951**, and if you desaturate by 10%, it is **175.8110, -9.7668, 52.7858**.

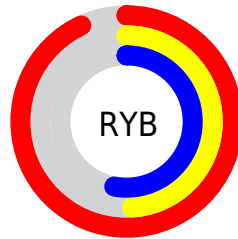
Distribution



Red (93%)

Green (49%)

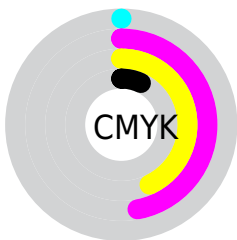
Blue (53%)



Red (93%)

Yellow (49%)

Blue (53%)

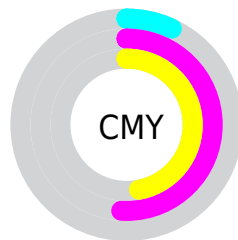


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (7%)



Cyan (7%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2150, -12.4310, 67.3404 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 YUV color 159.2150, -12.4310, 67.3404 by changing the saturation by 10% instead.

■ 159.2150,
-12.4310, 67.3404

■ 159.2150,
-12.4310, 67.3404

255.0000, 0.0000,
0.0000

■ 132.1330,
-11.4046, 64.7814

■ 203.2230, -7.9979,
45.4084

■ 104.8770, -9.7994,
63.2519

■ 222.8510, -3.8705,
28.1947

■ 78.3220, -8.0467,
61.1076

■ 243.0660, -0.0325,
10.4661

■ 49.5330, -4.6998,
60.9226

■ 29.4890, -4.6781,
53.9451

■ 19.1360, -9.4340,
39.3457

■ 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 159.2150,
-12.4310, 67.3404

■ 159.2150,
-12.4310, 67.3404

■ 142.6190,
-15.0952, 81.8951

■ 175.8110, -9.7668,
52.7858

■ 126.7240,
-17.6119, 95.8351

■ 191.7060, -7.2501,
38.8458

■ 110.1280,
-20.2761, 110.3897

■ 208.3020, -4.5859,
24.2911

■ 94.1190, -23.2297,
124.4296

■ 224.3110, -1.6323,
10.2513

■ 77.6370, -25.4570,
138.8844

■ 240.7930, 0.5951,
-4.2035

■ 72.7300, -26.4889,
143.1878

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



161.7850, 6.5150, 57.1936



159.2150, -12.4310, 67.3404



157.3930, -29.2807, 58.4143

Triad

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



159.2150, -12.4310, 67.3404



146.0690, -21.7260, -31.6325



136.5230, 50.0282, -86.4047

Complementary

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



159.2150, -12.4310, 67.3404



201.7850, 12.4310, -67.3404

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.



128.2780, 44.7259, -112.4998



159.2150, -12.4310, 67.3404



131.9220, 4.4755, -82.3696

Square

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



159.2150, -12.4310, 67.3404



152.2880, -37.1170, 5.0094



125.9350, 28.1330, -110.4450



157.3790, 38.7602, -18.7494

Rectangle

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



159.2150, -12.4310, 67.3404



156.2420, -37.0943, 44.5148



125.9350, 28.1330, -110.4450



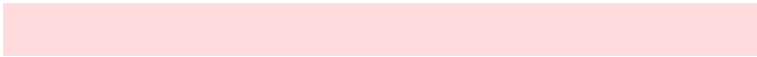
126.4660, 53.0143, -110.9107

Sweetspot

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



159.2150, -12.4310, 67.3404



230.1060, -3.9963, 21.8320



168.1520, 33.4491, 51.6097



112.8060, -2.3694, 13.3251



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.2150, -12.4310, 67.3404



156.1250, -15.8376, 86.7134



185.1910, -29.6742, 44.5595



109.4030, -1.1847, 6.6626



55.8290, -20.1287, 109.7750



16.6020, -6.2128, 32.7980

Inverse Universe

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



159.2150, -12.4310, 67.3404



156.1250, -15.8376, 86.7134



175.8090, 29.6742, -44.5595



109.4030, -1.1847, 6.6626



55.8290, -20.1287, 109.7750



16.6020, -6.2128, 32.7980

Previews

White Background



This preview shows how the YUV color 159.2150, -12.4310, 67.3404 looks on a white background.

Color Contrast Check

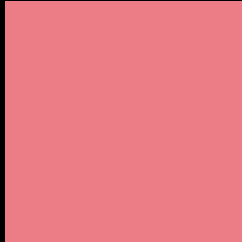
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 159.2150, -12.4310, 67.3404 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](#).

YUV 159.2150, -12.4310, 67.3404 Background



This preview shows how black text looks on a background with the YUV color 159.2150, -12.4310, 67.3404.



This preview shows how white text looks on a background with the YUV color 159.2150, -12.4310,

67.3404.

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

159.2150, -12.4310, 67.3404

Protanopia

158.6970, -3.7946, 3.7737

Deuteranopia

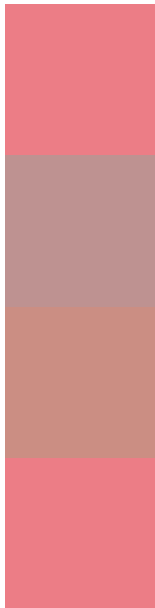
158.9460, -14.7634, 21.9724



Tritanopia

159.2150, -12.4310, 67.3404

Trichromacy



Original Color

159.2150, -12.4310, 67.3404

Protanomaly

159.0420, -6.9227, 27.1502

Deuteranomaly

158.9850, -13.7966, 38.6012

Tritanomaly

159.2150, -12.4310, 67.3404

Monochromacy



Original Color

159.2150, -12.4310, 67.3404

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.3020, -4.5859, 24.2911

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2150, -12.4310, 67.3404 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(236, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(236, 125, 134)  
}
```

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(236, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 125, 134) }
```

Border

The CSS property to change the border of an element to YUV 159.2150, -12.4310, 67.3404 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(236, 125, 134) }
```


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

```
.border{ border-color:rgb(236, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(236, 125,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 159.2150, -12.4310, 67.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 125, 134) }
```

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

```
.background{ background-color: rgb(236,  
125, 134) }
```

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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