

Converting Colors

YUV(190.4360, -11.0609,
47.8526)

Have a look what the booklet for
YUV(190.4360, -11.0609, 47.8526)
contains.

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Color

**YUV(190.4360, -11.0609,
47.8526)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A7A8
RGB	245, 167, 168
RGB Percent	96%, 65%, 66%
CMY	0.0392, 0.3451, 0.3412
CMYK	0.00, 0.32, 0.31, 0.04
HSL	359°, 80%, 81%
HSV	359°, 32%, 96%
XYZ	58.5428, 49.8771, 43.5875
YIQ	190.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

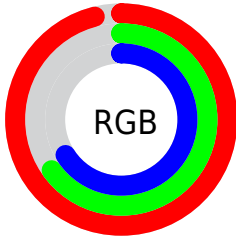
Format	Color
R _Y B	245, 167, 168
Decimal	16099240
CIE Lab	75.99, 28.89, 11.21
CIE LCh	76, 30.991, 21.206
Yxy	49.8771, 0.3851, 0.3281
Android (android.graphics.Color)	4294289320 (0xFFF5A7A8)
YUV	190.4360, -11.0609, 47.8526
Hunter-Lab	70.6237, 24.3743, 12.8440

Details

The YUV color **190.4360, -11.0609, 47.8526** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.5640, 11.0609, -47.8526**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5680, -4.7170, 19.6729**, and **136.0550, -9.8871, 44.6788** is the 20% darker color. If you saturate the color by 10%, you get **173.0250, -14.3093, 63.1221**, and if you desaturate by 10%, it is **207.8470, -7.8126, 32.5832**.

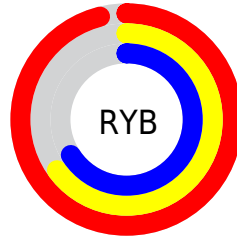
Distribution



Red (96%)

Green (65%)

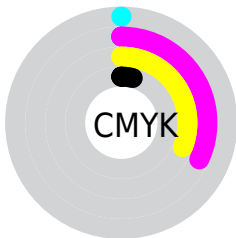
Blue (66%)



Red (96%)

Yellow (65%)

Blue (66%)

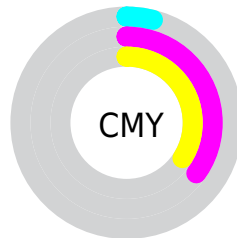


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (4%)



Cyan (4%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4360, -11.0609, 47.8526 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 190.4360, -11.0609, 47.8526 by changing the saturation by 10% instead.

190.4360,
-11.0609, 47.8526

190.4360,
-11.0609, 47.8526

255.0000, 0.0000,
0.0000

162.9520,
-10.3293, 46.5231

232.5680, -4.7170,
19.6729

136.0550, -9.8871,
44.6788

252.3100, -0.1528,
2.3591

110.2720, -9.0081,
42.7345

85.0760, -8.4185,
40.2753

60.4070, -7.1027,
38.2311

36.1510, -5.4974,
36.7016

16.1460, -7.9600,

33.1980

■ 7.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 190.4360,
-11.0609, 47.8526

■ 190.4360,
-11.0609, 47.8526

■ 173.0250,
-14.3093, 63.1221

■ 207.8470, -7.8126,
32.5832

■ 156.2010,
-17.8471, 77.8767

■ 224.6710, -4.2748,
17.8285

■ 138.6760,
-21.5323, 93.2461

■ 242.1960, -0.5896,
2.4591

■ 121.8520,
-25.0700, 108.0008

■ 252.0100, 1.4741,
-6.1478

■ 104.4410,
-28.3184, 123.2702

■ 87.6170, -31.8562,
138.0249

■ 73.5970, -34.8043,
150.3204

Harmonies

Analogous

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



191.6490, 2.6380, 40.6498



190.4360, -11.0609, 47.8526



188.5310, -21.9538, 41.6303

Triad

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



190.4360, -11.0609, 47.8526



180.0730, -14.3330, -22.8660



182.2550, 29.9473, -38.8116

Complementary

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



190.4360, -11.0609, 47.8526



221.5640, 11.0609, -47.8526

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.



175.1290, 27.5444, -61.5031



190.4360, -11.0609, 47.8526



175.9310, 1.0200, -47.2975

Square

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



190.4360, -11.0609, 47.8526



183.8930, -24.5972, 2.7248



172.3600, 17.0775, -64.3367



188.6010, 25.3397, -7.5431

Rectangle

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



190.4360, -11.0609, 47.8526



187.3250, -26.2892, 32.1640



172.3600, 17.0775, -64.3367



179.3140, 30.4112, -47.6334

Sweetspot

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



190.4360, -11.0609, 47.8526



237.4750, -3.6852, 15.3694



198.9150, 22.7199, 39.5395



116.7840, -2.3585, 9.8364



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.



190.4360, -11.0609, 47.8526



187.1170, -13.8617, 59.5334



212.6280, -22.4946, 28.3902



113.5880, -1.7689, 7.3773



55.8420, -26.5441, 114.1486



17.7550, -8.2602, 36.1719

Inverse Universe

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



190.4360, -11.0609, 47.8526



187.1170, -13.8617, 59.5334



199.3720, 22.4946, -28.3902



113.5880, -1.7689, 7.3773



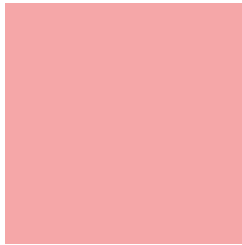
55.8420, -26.5441, 114.1486



17.7550, -8.2602, 36.1719

Previews

White Background



This preview shows how the YUV color 190.4360, -11.0609, 47.8526 looks on a white background.

Color Contrast Check

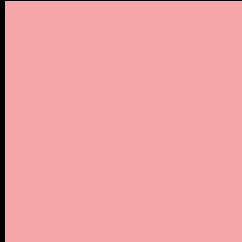
Large Text (above 18pt) WCAG AA × Fail

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 190.4360, -11.0609, 47.8526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

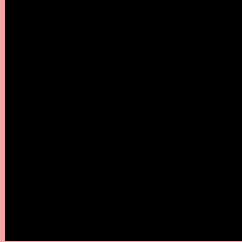
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.4360, -11.0609, 47.8526

Background



This preview shows how black text looks on a background with the YUV color 190.4360, -11.0609, 47.8526.



This preview shows how white text looks on a background with the YUV color 190.4360, -11.0609,

47.8526.

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

190.4360, -11.0609, 47.8526

Protanopia

187.8820, -4.3788, 4.4885

Deuteranopia

189.0430, -11.8532, 21.8873



Tritanopia

190.7010, -6.2616, 48.4972

Trichromacy



Original Color

190.4360, -11.0609, 47.8526

Protanomaly

188.9980, -6.9010, 20.1728

Deuteranomaly

189.5110, -11.5909, 31.1239

Tritanomaly

190.8320, -8.2982, 48.3823

Monochromacy



Original Color

190.4360, -11.0609, 47.8526

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3720, -4.1274, 17.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4360, -11.0609, 47.8526 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(245, 167, 168)` looks like.

```
.text, #text, p{  
    color:rgb(245, 167, 168)  
}
```

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(245, 167, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 167, 168) }
```

Border

The CSS property to change the border of an element to YUV 190.4360, -11.0609, 47.8526 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(245, 167, 168) }
```


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

```
.border{ border-color:rgb(245, 167, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 167, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 167, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 167, 168);  
box-shadow:4px 4px 4px 4px rgb(245, 167,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 190.4360, -11.0609, 47.8526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 167, 168) }
```

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

```
.background{ background-color: rgb(245,  
167, 168) }
```

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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