

Converting Colors

YUV(171.8610, -29.0185,
67.6509)

Have a look what the booklet for
YUV(171.8610, -29.0185, 67.6509)
contains.

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Color

**YUV(171.8610, -29.0185,
67.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	F99071
RGB	249, 144, 113
RGB Percent	98%, 56%, 44%
CMY	0.0235, 0.4353, 0.5569
CMYK	0.00, 0.42, 0.55, 0.02
HSL	14°, 92%, 71%
HSV	14°, 55%, 98%
XYZ	52.0208, 41.2785, 20.8485
YIQ	171.8610, 72.5310, 12.6190

Conversions

Conversions Part 2

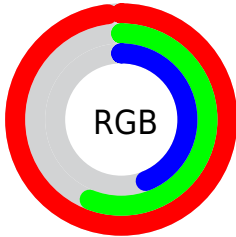
Format	Color
R_{YB}	249, 153, 113
Decimal	16355441
CIE _{Lab}	70.37, 36.71, 33.64
CIE _{LCh}	70, 49.789, 42.504
Yxy	41.2785, 0.4557, 0.3616
Android (android.graphics.Color)	4294545521 (0xFFFF99071)
YUV	171.8610, -29.0185, 67.6509
Hunter-Lab	64.2484, 32.0938, 25.7343

Details

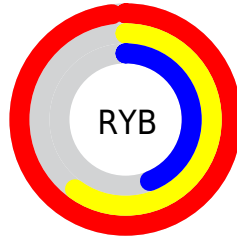
The YUV color **171.8610, -29.0185, 67.6509** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **190.1390, 29.0185, -67.6509**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8680, -23.1059, 37.8268**, and **117.5120, -26.3814, 61.8180** is the 20% darker color. If you saturate the color by 10%, you get **157.8580, -34.4400, 79.9315**, and if you desaturate by 10%, it is **185.8640, -23.5970, 55.3703**.

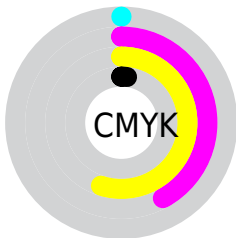
Distribution



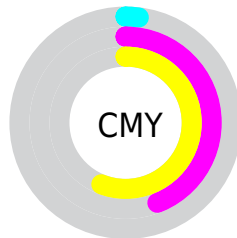
- Red (98%)
- Green (56%)
- Blue (44%)



- Red (98%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (55%)
- Black (2%)



- Cyan (2%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8610, -29.0185, 67.6509 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 171.8610, -29.0185, 67.6509 by changing the saturation by 10% instead.

171.8610,
-29.0185, 67.6509

171.8610,
-29.0185, 67.6509

255.0000, 0.0000,
0.0000

144.4800,
-27.8446, 64.4770

211.8680,
-23.1059, 37.8268

117.5120,
-26.3814, 61.8180

231.3820,
-19.4153, 20.7130

91.6580, -24.4814,
59.0589

251.0100,
-15.2879, 3.4992

65.5050, -22.4340,
55.6851

254.3160, -2.6208,
0.5999

38.4170, -18.9396,
54.8853

21.8270, -10.7607,
44.8787

14.4660, -6.6387,

29.4093

■ 0.0000, 0.0000,
0.0000

■ 171.8610,
-29.0185, 67.6509

■ 171.8610,
-29.0185, 67.6509

■ 157.8580,
-34.4400, 79.9315

■ 185.8640,
-23.5970, 55.3703

■ 143.8550,
-39.8615, 92.2122

■ 199.8670,
-18.1754, 43.0896

■ 129.2650,
-44.9936, 105.0076

■ 214.4570,
-13.0433, 30.2942

■ 115.2620,
-50.4152, 117.2882

■ 228.4600, -7.6218,
18.0136

■ 107.9100,
-53.1996, 123.7359

■ 242.3490, -2.6371,
5.8329

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



172.5730, -8.6635, 72.2885



171.8610, -29.0185, 67.6509



169.6890, -41.7517, 44.9997

Triad

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



171.8610, -29.0185, 67.6509



147.8320, -2.3822, -76.1517



168.0290, 42.8767, -32.4744

Complementary

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



171.8610, -29.0185, 67.6509



190.1390, 29.0185, -67.6509

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.



137.0780, 58.1355, -120.2174



171.8610, -29.0185, 67.6509



136.1250, 26.5604, -119.3816

Square

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



171.8610, -29.0185, 67.6509



160.6800, -28.4362, -26.0294



139.7390, 45.4847, -122.5511



176.8570, 30.6365, 20.2964

Rectangle

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



171.8610, -29.0185, 67.6509



167.6880, -43.7232, 23.9526



139.7390, 45.4847, -122.5511



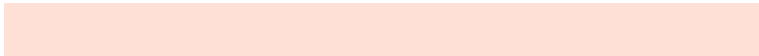
162.2820, 45.7100, -54.6213

Sweetspot

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



171.8610, -29.0185, 67.6509



232.1290, -8.9376, 20.0579



165.8620, 26.6900, 72.9120



113.9970, -5.4215, 12.2806



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.



171.8610, -29.0185, 67.6509



159.5380, -35.7612, 83.7202



210.6030, -48.1183, 33.6742



117.6480, -2.7845, 6.4477



81.7520, -40.3037, 94.0565



26.4570, -13.0433, 30.2942

Inverse Universe

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



190.1390, 29.0185, -67.6509



182.4620, 35.7612, -83.7202



151.3970, 48.1183, -33.6742



119.3520, 2.7845, -6.4477



107.2480, 40.3037, -94.0565



34.5430, 13.0433, -30.2942

Previews

White Background



This preview shows how the YUV color 171.8610, -29.0185, 67.6509 looks on a white background.

Color Contrast Check

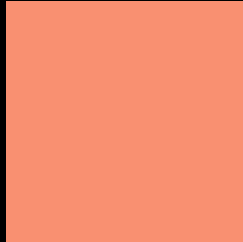
Large Text (above 18pt) WCAG AA × Fail

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 171.8610, -29.0185, 67.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

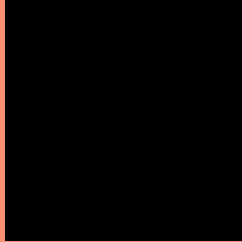
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.8610, -29.0185, 67.6509

Background



This preview shows how black text looks on a background with the YUV color 171.8610, -29.0185, 67.6509.



This preview shows how white text looks on a background with the YUV color 171.8610, -29.0185,

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

171.8610, -29.0185, 67.6509

Protanopia

170.8280, -22.5932, 13.3058

Deuteranopia

171.4730, -30.7992, 32.0342



Tritanopia

173.9270, -12.2890, 68.4700

Trichromacy



Original Color

171.8610, -29.0185, 67.6509

Protanomaly

171.3790, -24.8368, 32.9936

Deuteranomaly

171.3760, -30.2584, 45.2742

Tritanomaly

173.3200, -18.3988, 68.1254

Monochromacy



Original Color

171.8610, -29.0185, 67.6509

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1080, -10.4062, 24.4613

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8610, -29.0185, 67.6509 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(249, 144, 113)` looks like.

```
.text, #text, p{  
    color:rgb(249, 144, 113)  
}
```

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(249, 144, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 144, 113) }
```

Border

The CSS property to change the border of an element to YUV 171.8610, -29.0185, 67.6509 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(249, 144, 113) }
```


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

```
.border{ border-color:rgb(249, 144, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 144, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 144, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 144, 113);  
box-shadow:4px 4px 4px 4px rgb(249, 144,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 171.8610, -29.0185, 67.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 144, 113) }
```

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

```
.background{ background-color: rgb(249,  
144, 113) }
```

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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