

Converting Colors

YUV(170.4310, -26.8345,
67.1510)

Have a look what the booklet for
YUV(170.4310, -26.8345, 67.1510)
contains.

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Color

**YUV(170.4310, -26.8345,
67.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	F78E74
RGB	247, 142, 116
RGB Percent	97%, 56%, 45%
CMY	0.0314, 0.4431, 0.5451
CMYK	0.00, 0.43, 0.53, 0.03
HSL	12°, 89%, 71%
HSV	12°, 53%, 97%
XYZ	51.1832, 40.3811, 21.6197
YIQ	170.4310, 70.9260, 14.1740

Conversions

Conversions Part 2

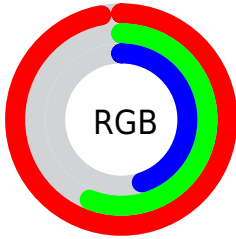
Format	Color
R_{YB}	247, 148, 116
Decimal	16223860
CIE _{Lab}	69.74, 37.22, 31.15
CIE _{LCh}	70, 48.532, 39.928
Yxy	40.3811, 0.4522, 0.3568
Android (android.graphics.Color)	4294413940 (0xFFFF78E74)
YUV	170.4310, -26.8345, 67.1510
Hunter-Lab	63.5461, 32.5669, 24.3106

Details

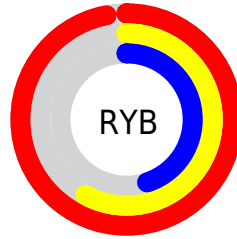
The YUV color **170.4310, -26.8345, 67.1510** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **192.5690, 26.8345, -67.1510**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0360, -21.2167, 38.5564**, and **116.3810, -24.3448, 61.9329** is the 20% darker color. If you saturate the color by 10%, you get **155.8410, -31.9666, 79.9464**, and if you desaturate by 10%, it is **185.0210, -21.7024, 54.3556**.

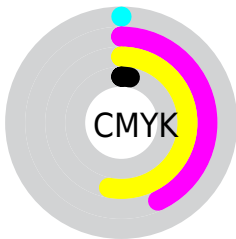
Distribution



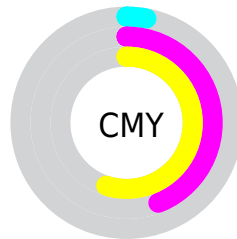
- Red (97%)
- Green (56%)
- Blue (45%)



- Red (97%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4310, -26.8345, 67.1510 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 170.4310, -26.8345, 67.1510 by changing the saturation by 10% instead.

170.4310,
-26.8345, 67.1510

170.4310,
-26.8345, 67.1510

255.0000, 0.0000,
0.0000

143.3490,
-25.8081, 64.5919

211.0360,
-21.2167, 38.5564

116.3810,
-24.3448, 61.9329

230.6640,
-17.0894, 21.3427

90.2280, -22.2974,
58.5590

250.8790,
-13.2513, 3.6141

64.3740, -20.3974,
55.8000

254.6580, -1.3104,
0.2999

36.3570, -17.9240,
55.8149

21.2290, -10.4659,
43.6492

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 170.4310,
-26.8345, 67.1510

■ 170.4310,
-26.8345, 67.1510

■ 155.8410,
-31.9666, 79.9464

■ 185.0210,
-21.7024, 54.3556

■ 141.3650,
-36.6619, 92.6419

■ 199.4970,
-17.0070, 41.6601

■ 127.3620,
-42.0835, 104.9225

■ 213.5000,
-11.5855, 29.3795

■ 112.7720,
-47.2156, 117.7180

■ 228.0900, -6.4534,
16.5841

■ 102.6160,
-50.5897, 126.6248

■ 242.6800, -1.3212,
3.7886

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



172.5020, -7.6425, 71.4737



170.4310, -26.8345, 67.1510



168.1560, -40.0099, 46.3442

Triad

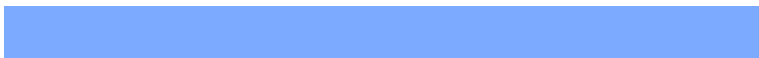
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170.4310, -26.8345, 67.1510



149.4910, -5.1721, -67.9596



165.9360, 43.9086, -36.7779

Complementary

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



170.4310, -26.8345, 67.1510



192.5690, 26.8345, -67.1510

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.



136.1490, 57.1145, -119.4027



170.4310, -26.8345, 67.1510



134.2670, 24.5184, -117.7522

Square

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



170.4310, -26.8345, 67.1510



159.7730, -29.4681, -21.7259



137.8810, 43.4427, -120.9216



174.6500, 31.2315, 16.0929

Rectangle

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



170.4310, -26.8345, 67.1510



166.6390, -42.7130, 26.6266



137.8810, 43.4427, -120.9216



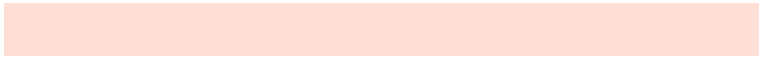
159.6020, 47.0312, -58.4100

Sweetspot

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



170.4310, -26.8345, 67.1510



230.9550, -8.3588, 21.0875



167.3670, 27.4271, 69.8381



113.4100, -5.1321, 12.7954



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.



170.4310, -26.8345, 67.1510



159.5210, -33.2879, 83.7351



207.9990, -45.3555, 34.2039



115.3490, -2.6371, 5.8329



77.3330, -38.1252, 95.3010



24.6850, -12.1697, 30.0943

Inverse Universe

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



192.5690, 26.8345, -67.1510



187.4790, 33.2879, -83.7351



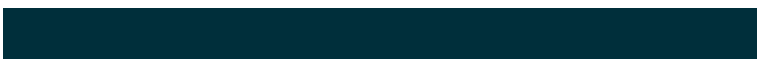
155.0010, 45.3555, -34.2039



117.2380, 2.3477, -6.3477



108.6670, 38.1252, -95.3010



34.3150, 12.1697, -30.0943

Previews

White Background



This preview shows how the YUV color 170.4310, -26.8345, 67.1510 looks on a white background.

Color Contrast Check

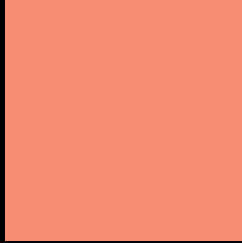
Large Text (above 18pt) WCAG AA × Fail

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 170.4310, -26.8345, 67.1510 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 170.4310, -26.8345, 67.1510

Background



This preview shows how black text looks on a background with the YUV color 170.4310, -26.8345, 67.1510.



This preview shows how white text looks on a background with the YUV color 170.4310, -26.8345,

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

170.4310, -26.8345, 67.1510

Protanopia

169.6860, -20.5512, 11.6764

Deuteranopia

169.7440, -28.4678, 30.9195



Tritanopia

172.3290, -11.9942, 67.2405

Trichromacy



Original Color

170.4310, -26.8345, 67.1510

Protanomaly

169.6500, -22.5054, 31.8790

Deuteranomaly

169.6470, -27.9270, 44.1596

Tritanomaly

171.2490, -17.3778, 67.3106

Monochromacy



Original Color

170.4310, -26.8345, 67.1510

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2220, -9.9694, 24.3613

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4310, -26.8345, 67.1510 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(247, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(247, 142, 116)  
}
```

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(247, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 142, 116) }
```

Border

The CSS property to change the border of an element to YUV 170.4310, -26.8345, 67.1510 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(247, 142, 116) }
```


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

```
.border{ border-color:rgb(247, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(247, 142,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 170.4310, -26.8345, 67.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 142, 116) }
```

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

```
.background{ background-color: rgb(247,  
142, 116) }
```

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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