

Converting Colors

YUV(187.9800, -29.5701,
57.8995)

Have a look what the booklet for
YUV(187.9800, -29.5701, 57.8995)
contains.

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Color

**YUV(187.9800, -29.5701,
57.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA680
RGB	254, 166, 128
RGB Percent	100%, 65%, 50%
CMY	0.0039, 0.3490, 0.4980
CMYK	0.00, 0.35, 0.50, 0.00
HSL	18°, 98%, 75%
HSV	18°, 50%, 100%
XYZ	58.4056, 49.9018, 26.9758
YIQ	187.9800, 64.6460, 6.8380

Conversions

Conversions Part 2

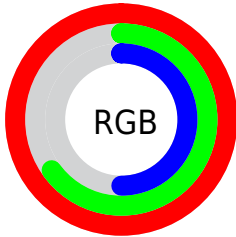
Format	Color
R _Y B	254, 182, 128
Decimal	16688768
CIE Lab	76.01, 28.49, 33.02
CIE LCh	76, 43.617, 49.210
Yxy	49.9018, 0.4317, 0.3689
Android (android.graphics.Color)	4294878848 (0xFFFEA680)
YUV	187.9800, -29.5701, 57.8995
Hunter-Lab	70.6412, 23.9602, 26.8077

Details

The YUV color **187.9800, -29.5701, 57.8995** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.0200, 29.5701, -57.8995**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, -22.7731, 24.3867**, and **133.2290, -27.2279, 53.2962** is the 20% darker color. If you saturate the color by 10%, you get **174.5640, -35.2811, 69.6654**, and if you desaturate by 10%, it is **201.3960, -23.8592, 46.1337**.

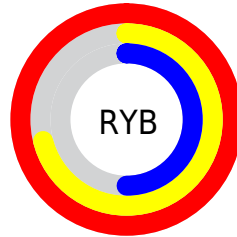
Distribution



Red (100%)

Green (65%)

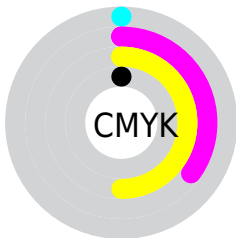
Blue (50%)



Red (100%)

Yellow (71%)

Blue (50%)

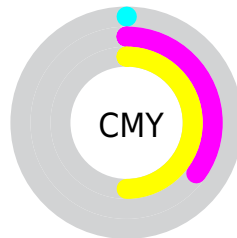


Cyan (0%)

Magenta (35%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9800, -29.5701, 57.8995 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 187.9800, -29.5701, 57.8995 by changing the saturation by 10% instead.

187.9800,
-29.5701, 57.8995

187.9800,
-29.5701, 57.8995

255.0000, 0.0000,
0.0000

160.3110,
-28.2543, 55.8553

227.1930,
-22.7731, 24.3867

133.2290,
-27.2279, 53.2962

246.8210,
-18.6458, 7.1730

107.2610,
-25.7647, 50.6371

252.9480, -7.8624,
1.7996

81.8800, -24.5908,
47.4632

56.9120, -23.1276,
44.8042

34.1980, -16.8596,
41.0454

15.8470, -7.8126,

32.5832

■ 7.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 187.9800,
-29.5701, 57.8995

■ 187.9800,
-29.5701, 57.8995

■ 174.5640,
-35.2811, 69.6654

■ 201.3960,
-23.8592, 46.1337

■ 161.6210,
-41.7182, 81.0164

■ 214.3390,
-17.4221, 34.7827

■ 148.2050,
-47.4291, 92.7822

■ 227.7550,
-11.7112, 23.0169

■ 134.6750,
-53.5768, 104.6480

■ 241.2850, -5.5635,
11.1511

■ 121.2590,
-59.2877, 116.4139

254.7010, 0.1474,
-0.6148

■ 121.1450,
-59.7245, 116.5138

Harmonies

Analogous

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



186.9860, -11.8251, 59.6483



187.9800, -29.5701, 57.8995



185.5460, -38.2302, 35.4782

Triad

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



187.9800, -29.5701, 57.8995



167.3040, 1.8221, -71.3036



186.7340, 33.6551, -14.6757

Complementary

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



187.9800, -29.5701, 57.8995



194.0200, 29.5701, -57.8995

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.



173.4240, 40.2170, -66.1468



187.9800, -29.5701, 57.8995



146.9650, 32.5553, -128.8883

Square

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



187.9800, -29.5701, 57.8995



176.4820, -21.4366, -31.1177



148.4930, 48.5640, -130.2284



192.3650, 23.4841, 27.7439

Rectangle

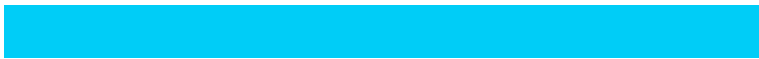
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.9800, -29.5701, 57.8995



183.1260, -38.0231, 15.6755



148.4930, 48.5640, -130.2284



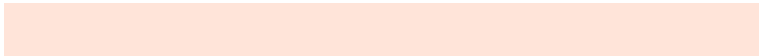
183.0910, 35.4511, -30.7748

Sweetspot

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



187.9800, -29.5701, 57.8995



234.8190, -8.7848, 17.6987



175.7060, 19.8649, 68.6638



115.3990, -5.1267, 11.0511



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.



187.9800, -29.5701, 57.8995



174.7490, -35.8653, 70.3801



224.9610, -47.8018, 25.4672



121.2350, -3.0739, 5.9329



91.1550, -44.9394, 87.5641



30.2890, -14.9325, 29.5645

Inverse Universe

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



194.0200, 29.5701, -57.8995



182.2510, 35.8653, -70.3801



157.0390, 47.8018, -25.4672



121.7650, 3.0739, -5.9329



100.4320, 44.6500, -88.0789



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 187.9800, -29.5701, 57.8995 looks on a white background.

Color Contrast Check

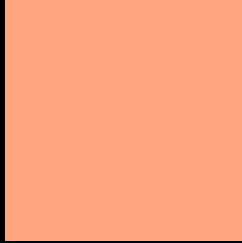
Large Text (above 18pt) WCAG AA × Fail

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 187.9800, -29.5701, 57.8995 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 187.9800, -29.5701, 57.8995

Background



This preview shows how black text looks on a background with the YUV color 187.9800, -29.5701, 57.8995.



This preview shows how white text looks on a background with the YUV color 187.9800, -29.5701, 57.8995.

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

187.9800, -29.5701, 57.8995

Protanopia

186.3720, -24.3404, 13.7058

Deuteranopia

187.1850, -30.6572, 33.1638



Tritanopia

190.4740, -8.6147, 56.5893

Trichromacy



Original Color

187.9800, -29.5701, 57.8995

Protanomaly

187.0150, -26.1364, 29.8048

Deuteranomaly

187.6530, -30.3949, 42.4003

Tritanomaly

189.8240, -16.1822, 57.1594

Monochromacy



Original Color

187.9800, -29.5701, 57.8995

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9720, -10.8322, 21.0726

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9800, -29.5701, 57.8995 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(254, 166, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 128)  
}
```

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(254, 166, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 128) }
```

Border

The CSS property to change the border of an element to YUV 187.9800, -29.5701, 57.8995 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(254, 166, 128) }
```


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

```
.border{ border-color:rgb(254, 166, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 187.9800, -29.5701, 57.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 128) }
```

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

```
.background{ background-color: rgb(254,  
166, 128) }
```

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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