

Converting Colors

YUV(189.9690, -29.5647,
56.1552)

Have a look what the booklet for
YUV(189.9690, -29.5647, 56.1552)
contains.

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Color

**YUV(189.9690, -29.5647,
56.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA982
RGB	254, 169, 130
RGB Percent	100%, 66%, 51%
CMY	0.0039, 0.3373, 0.4902
CMYK	0.00, 0.33, 0.49, 0.00
HSL	19°, 98%, 75%
HSV	19°, 49%, 100%
XYZ	59.0903, 51.0585, 27.8600
YIQ	189.9690, 63.1790, 5.8910

Conversions

Conversions Part 2

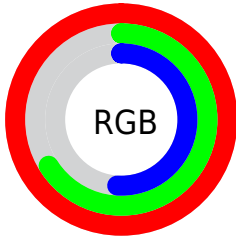
Format	Color
R_{YB}	254, 187, 130
Decimal	16689538
CIE _{Lab}	76.71, 27.11, 32.88
CIE _{LCh}	77, 42.615, 50.497
Yxy	51.0585, 0.4282, 0.3700
Android (android.graphics.Color)	4294879618 (0xFFFEA982)
YUV	189.9690, -29.5647, 56.1552
Hunter-Lab	71.4552, 22.5649, 26.9018

Details

The YUV color **189.9690, -29.5647, 56.1552** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.0310, 29.5647, -56.1552**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1820, -22.7677, 22.6424**, and **135.2180, -27.2225, 51.5518** is the 20% darker color. If you saturate the color by 10%, you get **177.1400, -35.5650, 67.4062**, and if you desaturate by 10%, it is **202.7980, -23.5644, 44.9042**.

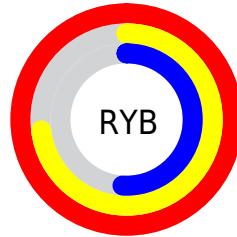
Distribution



Red (100%)

Green (66%)

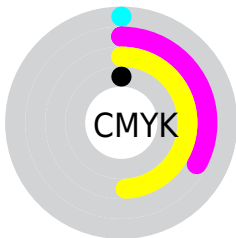
Blue (51%)



Red (100%)

Yellow (73%)

Blue (51%)

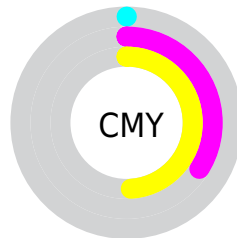


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9690, -29.5647, 56.1552 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 189.9690, -29.5647, 56.1552 by changing the saturation by 10% instead.


 189.9690,
-29.5647, 56.1552

 189.9690,
-29.5647, 56.1552


255.0000, 0.0000,
0.0000

 162.3000,
-28.2489, 54.1109


 229.1820,
-22.7677, 22.6424


 135.2180,
-27.2225, 51.5518


 248.8100,
-18.6403, 5.4286

 109.1360,
-26.1960, 48.9927

 253.2900, -6.5520,
1.4997

 83.8690, -24.5854,
45.7189

 58.9010, -23.1222,
43.0598

 35.9590, -17.7278,
39.5010

 16.1460, -7.9600,

33.1980

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 189.9690,
-29.5647, 56.1552

■ 189.9690,
-29.5647, 56.1552

■ 177.1400,
-35.5650, 67.4062

■ 202.7980,
-23.5644, 44.9042

■ 163.6100,
-41.7127, 79.2720

■ 216.3280,
-17.4167, 33.0383

■ 150.7810,
-47.7130, 90.5231

■ 229.1570,
-11.4164, 21.7873

■ 137.2510,
-53.8607, 102.3889

■ 242.6870, -5.2687,
9.9215

■ 124.4220,
-59.8610, 113.6399

254.7010, 0.1474,
-0.6148

■ 122.9060,
-60.5927, 114.9694

Harmonies

Analogous

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



188.8610, -12.2565, 58.0039



189.9690, -29.5647, 56.1552



187.6490, -37.7880, 33.6338

Triad

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



189.9690, -29.5647, 56.1552



169.2440, 2.8377, -70.3740



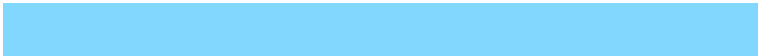
189.4030, 32.3393, -12.6314

Complementary

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



189.9690, -29.5647, 56.1552



194.0310, 29.5647, -56.1552

Split Complementary

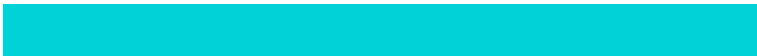
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.7020, 38.6009, -61.1287



189.9690, -29.5647, 56.1552



147.8940, 33.5763, -129.7030

Square

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



189.9690, -29.5647, 56.1552



178.5250, -19.9788, -32.0324



152.2980, 47.6741, -124.7953



194.4360, 22.4631, 28.5586

Rectangle

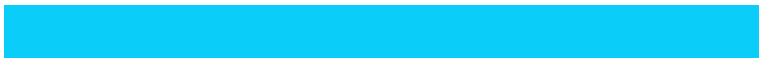
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.9690, -29.5647, 56.1552



184.7560, -36.8547, 14.2460



152.2980, 47.6741, -124.7953



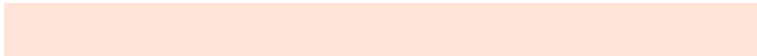
186.0590, 33.9879, -28.1157

Sweetspot

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



189.9690, -29.5647, 56.1552



235.4060, -9.0742, 17.1839



176.9940, 19.7230, 67.5343



115.9860, -5.4161, 10.5363



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.



189.9690, -29.5647, 56.1552



177.4390, -35.7124, 68.0210



225.1890, -46.9282, 25.2672



121.2350, -3.0739, 5.9329



92.3290, -45.5182, 86.5345



30.8760, -15.2219, 29.0497

Inverse Universe

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



194.0310, 29.5647, -56.1552



182.5610, 35.7124, -68.0210



158.8110, 46.9282, -25.2672



121.1780, 3.3632, -5.4181



98.6710, 45.5182, -86.5345



33.1240, 15.2219, -29.0497

Previews

White Background



This preview shows how the YUV color 189.9690, -29.5647, 56.1552 looks on a white background.

Color Contrast Check

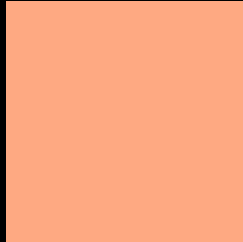
Large Text (above 18pt) WCAG AA × Fail

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 189.9690, -29.5647, 56.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

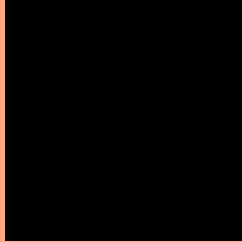
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.9690, -29.5647, 56.1552

Background



This preview shows how black text looks on a background with the YUV color 189.9690, -29.5647, 56.1552.



This preview shows how white text looks on a background with the YUV color 189.9690, -29.5647,

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

189.9690, -29.5647, 56.1552

Protanopia

188.3720, -24.3404, 13.7058

Deuteranopia

188.7120, -29.9310, 33.5786



Tritanopia

192.5770, -8.1725, 54.7450

Trichromacy



Original Color

189.9690, -29.5647, 56.1552

Protanomaly

188.7160, -25.9890, 29.1901

Deuteranomaly

189.4680, -29.8107, 41.6856

Tritanomaly

191.8130, -16.1768, 55.4150

Monochromacy



Original Color

189.9690, -29.5647, 56.1552

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.6730, -10.6848, 20.4578

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9690, -29.5647, 56.1552 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, 169, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 169, 130)  
}
```

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, 169, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 169, 130) }
```

Border

The CSS property to change the border of an element to YUV 189.9690, -29.5647, 56.1552 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, 169, 130) }
```


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

```
.border{ border-color:rgb(254, 169, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 169, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 169, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 169, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 169,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 189.9690, -29.5647, 56.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 169, 130) }
```

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

```
.background{ background-color: rgb(254,  
169, 130) }
```

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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