

Converting Colors

YUV(188.3090, -21.8443,
53.2260)

Have a look what the booklet for
YUV(188.3090, -21.8443, 53.2260)
contains.

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Color

**YUV(188.3090, -21.8443,
53.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A690
RGB	249, 166, 144
RGB Percent	98%, 65%, 56%
CMY	0.0235, 0.3490, 0.4353
CMYK	0.00, 0.33, 0.42, 0.02
HSL	13°, 90%, 77%
HSV	13°, 42%, 98%
XYZ	57.7372, 49.4258, 32.8826
YIQ	188.3090, 56.5300, 10.7540

Conversions

Conversions Part 2

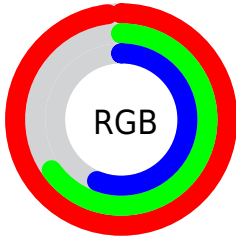
Format	Color
R _Y B	249, 172, 144
Decimal	16361104
CIE Lab	75.72, 28.13, 23.95
CIE LCh	76, 36.944, 40.406
Yxy	49.4258, 0.4123, 0.3529
Android (android.graphics.Color)	4294551184 (0xFFFF9A690)
YUV	188.3090, -21.8443, 53.2260
Hunter-Lab	70.3035, 23.5632, 21.4811

Details

The YUV color **188.3090, -21.8443, 53.2260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.6910, 21.8443, -53.2260**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1310, -15.3476, 22.6871**, and **133.7430, -20.0863, 49.3374** is the 20% darker color. If you saturate the color by 10%, you get **173.7190, -26.9765, 66.0214**, and if you desaturate by 10%, it is **202.8990, -16.7122, 40.4306**.

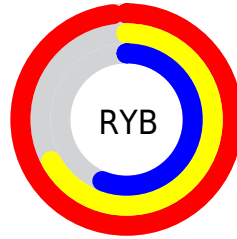
Distribution



Red (98%)

Green (65%)

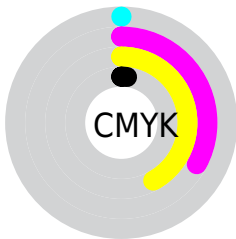
Blue (56%)



Red (98%)

Yellow (67%)

Blue (56%)

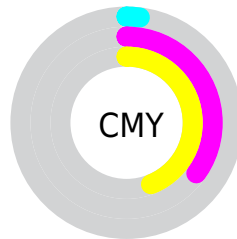


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3090, -21.8443, 53.2260 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 188.3090, -21.8443, 53.2260 by changing the saturation by 10% instead.

188.3090,
-21.8443, 53.2260

188.3090,
-21.8443, 53.2260

255.0000, 0.0000,
0.0000

160.5260,
-20.9653, 51.2817

229.1310,
-15.3476, 22.6871

133.7430,
-20.0863, 49.3374

248.7590,
-11.2202, 5.4734

107.7750,
-18.6231, 46.6783

82.6930, -17.5966,
44.1192

57.8390, -15.6966,
41.3602

33.6000, -16.5648,
39.8158

15.5480, -7.6652,

31.9684

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 188.3090,
-21.8443, 53.2260

■ 188.3090,
-21.8443, 53.2260

■ 173.7190,
-26.9765, 66.0214

■ 202.8990,
-16.7122, 40.4306

■ 159.7160,
-32.3980, 78.3021

■ 216.9020,
-11.2907, 28.1499

■ 145.1260,
-37.5301, 91.0975

■ 231.4920, -6.1586,
15.3545

■ 130.5360,
-42.6622, 103.8929

■ 246.0820, -1.0264,
2.5591

■ 116.6470,
-47.6470, 116.0736

■ 253.2060, 0.8844,
-3.6887

■ 104.9750,
-51.7527, 126.3099

Harmonies

Analogous

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



190.2180, -7.0095, 55.0598



188.3090, -21.8443, 53.2260



186.3920, -31.2523, 37.3672

Triad

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



188.3090, -21.8443, 53.2260



173.3240, -5.0897, -47.6421



185.2660, 33.3929, -23.9123

Complementary

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



188.3090, -21.8443, 53.2260



204.6910, 21.8443, -53.2260

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.



174.3490, 37.2959, -62.5731



188.3090, -21.8443, 53.2260



166.2290, 15.6631, -77.3768

Square

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



188.3090, -21.8443, 53.2260



179.3420, -22.3536, -16.9629



164.5170, 32.2831, -88.1534



190.9780, 23.6748, 13.1743

Rectangle

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



188.3090, -21.8443, 53.2260



184.5380, -32.8032, 21.4532



164.5170, 32.2831, -88.1534



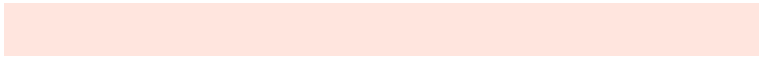
182.3460, 35.3254, -37.1374

Sweetspot

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



188.3090, -21.8443, 53.2260



235.9760, -6.8902, 16.6840



184.9710, 21.2133, 56.1534



115.6270, -4.2531, 10.8511



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.



188.3090, -21.8443, 53.2260



179.7190, -26.9765, 66.0214



218.8330, -36.8927, 26.4565



117.6480, -2.7845, 6.4477



79.9910, -39.4356, 95.6009



25.8700, -12.7539, 30.8090

Inverse Universe

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



204.6910, 21.8443, -53.2260



200.2810, 26.9765, -66.0214



174.1670, 36.8927, -26.4565



119.3520, 2.7845, -6.4477



109.0090, 39.4356, -95.6009



35.1300, 12.7539, -30.8090

Previews

White Background



This preview shows how the YUV color 188.3090, -21.8443, 53.2260 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 188.3090, -21.8443, 53.2260 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 188.3090, -21.8443, 53.2260

Background



This preview shows how black text looks on a background with the YUV color 188.3090, -21.8443, 53.2260.



This preview shows how white text looks on a background with the YUV color 188.3090, -21.8443,

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

188.3090, -21.8443, 53.2260

Protanopia

186.5270, -16.0358, 10.0618

Deuteranopia

186.9270, -22.6420, 29.0050



Tritanopia

190.2780, -8.0251, 54.1302

Trichromacy



Original Color

188.3090, -21.8443, 53.2260

Protanomaly

187.0560, -18.2686, 26.2609

Deuteranomaly

187.3950, -22.3797, 38.2416

Tritanomaly

189.3120, -12.9718, 54.1004

Monochromacy



Original Color

188.3090, -21.8443, 53.2260

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0580, -7.9166, 19.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3090, -21.8443, 53.2260 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, 166, 144)` looks like.

```
.text, #text, p{  
    color:rgb(249, 166, 144)  
}
```

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, 166, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 166, 144) }
```

Border

The CSS property to change the border of an element to YUV 188.3090, -21.8443, 53.2260 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, 166, 144) }
```


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

```
.border{ border-color:rgb(249, 166, 144) }
```

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

Here you see how a box with a 4 pixel rgb(249, 166, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(249, 166,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 188.3090, -21.8443, 53.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 166, 144) }
```

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

```
.background{ background-color: rgb(249,  
166, 144) }
```

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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