

# Converting Colors

YUV(186.0860, -20.2554,  
56.9296)

Have a look what the booklet for  
YUV(186.0860, -20.2554, 56.9296)  
contains.

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# Color

**YUV(186.0860, -20.2554,  
56.9296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA191
RGB	251, 161, 145
RGB Percent	98%, 63%, 57%
CMY	0.0157, 0.3686, 0.4314
CMYK	0.00, 0.36, 0.42, 0.02
HSL	9°, 93%, 78%
HSV	9°, 42%, 98%
XYZ	57.6394, 48.0433, 33.0234
YIQ	186.0860, 58.7760, 14.1040

# Conversions

## Conversions Part 2

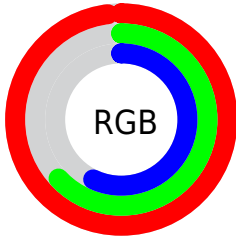
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 164, 145
Decimal	16490897
CIE Lab	74.85, 31.61, 22.27
CIE LCh	75, 38.668, 35.160
Yxy	48.0433, 0.4156, 0.3464
Android (android.graphics.Color)	4294680977 (0xFFFB191)
YUV	186.0860, -20.2554, 56.9296
Hunter-Lab	69.3133, 27.1384, 20.2713

# Details

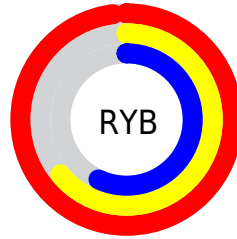
The YUV color **186.0860, -20.2554, 56.9296** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **209.9140, 20.2554, -56.9296**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7230, -13.1744, 25.6759**, and **131.5200, -18.4974, 53.0410** is the 20% darker color. If you saturate the color by 10%, you get **170.9090, -25.0981, 70.2398**, and if you desaturate by 10%, it is **201.2630, -15.4127, 43.6193**.

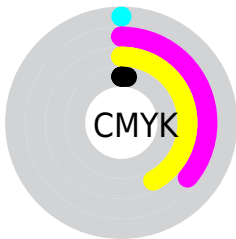
# Distribution



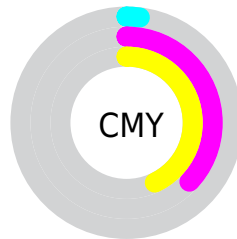
- Red (98%)
- Green (63%)
- Blue (57%)



- Red (98%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.0860, -20.2554, 56.9296 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 186.0860, -20.2554, 56.9296 by changing the saturation by 10% instead.



186.0860,  
-20.2554, 56.9296

186.0860,  
-20.2554, 56.9296

255.0000, 0.0000,  
0.0000

158.3030,  
-19.3764, 54.9853

225.7230,  
-13.1744, 25.6759

131.5200,  
-18.4974, 53.0410

245.9380, -9.3364,  
7.9474

105.5520,  
-17.0341, 50.3819

80.1710, -15.8603,  
47.2080

55.6160, -14.1077,  
45.0638

28.8440, -13.2341,  
44.8638

15.8470, -7.8126,

32.5832

■ 6.2790, -3.0955,  
12.9103

■ 0.0000, 0.0000,  
0.0000

■ 186.0860,  
-20.2554, 56.9296

■ 186.0860,  
-20.2554, 56.9296

■ 170.9090,  
-25.0981, 70.2398

■ 201.2630,  
-15.4127, 43.6193

■ 155.1450,  
-29.6515, 84.0648

■ 217.0270,  
-10.8593, 29.7943

■ 139.9680,  
-34.4942, 97.3751

■ 232.2040, -6.0166,  
16.4841

■ 124.7910,  
-39.3370, 110.6853

■ 247.3810, -1.1738,  
3.1739

■ 109.0270,  
-43.8903, 124.5103

■ 253.8040, 0.5896,  
-2.4591

■ 97.3550, -47.9960,  
134.7467

# Harmonies

## Analogous

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



188.2120, -4.5415, 56.8191



186.0860, -20.2554, 56.9296



184.3110, -31.7053, 42.7003

# Triad

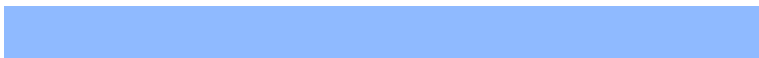
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186.0860, -20.2554, 56.9296



171.6080, -9.1737, -44.3832



181.0090, 36.4776, -33.3339

# Complementary

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



186.0860, -20.2554, 56.9296



209.9140, 20.2554, -56.9296

# 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.



168.1410, 39.3705, -74.6687



186.0860, -20.2554, 56.9296



162.8330, 12.9003, -77.9065

# Square

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



186.0860, -20.2554, 56.9296



177.1640, -25.7169, -11.5448



156.3690, 33.3421, -101.1786



188.0420, 26.6013, 7.8562



# Rectangle

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



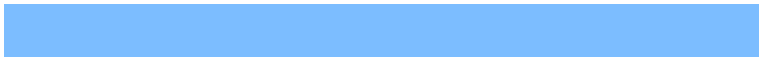
186.0860, -20.2554, 56.9296



182.2290, -34.1299, 26.9862



156.3690, 33.3421, -101.1786



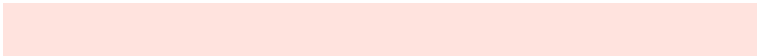
177.0890, 38.4101, -46.5591

# Sweetspot

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



186.0860, -20.2554, 56.9296



234.8020, -6.3114, 17.7136



186.9540, 23.6867, 56.1683



115.0400, -3.9637, 11.3659



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.



186.0860, -20.2554, 56.9296



175.6100, -24.9507, 69.6250



217.1970, -35.5931, 29.6452



117.0610, -2.4951, 6.9625



72.9470, -35.9629, 101.7785



23.5220, -11.5963, 32.8682



# Inverse Universe

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



209.9140, 20.2554, -56.9296



204.3900, 24.9507, -69.6250



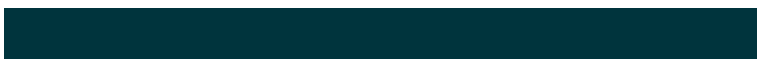
178.8030, 35.5931, -29.6452



119.9390, 2.4951, -6.9625



115.4660, 36.2523, -101.2637



37.4780, 11.5963, -32.8682



# Previews

## White Background



This preview shows how the YUV color 186.0860, -20.2554, 56.9296 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

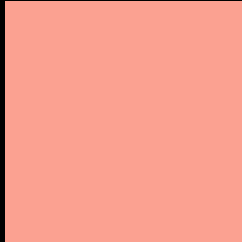
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.0860, -20.2554, 56.9296 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 186.0860, -20.2554, 56.9296

## Background



This preview shows how black text looks on a background with the YUV color 186.0860, -20.2554, 56.9296.



This preview shows how white text looks on a background with the YUV color 186.0860, -20.2554,



# 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

186.0860, -20.2554, 56.9296

### Protanopia

183.7980, -13.7044, 8.9472

### Deuteranopia

184.9700, -21.1842, 28.0903



**Tritanopia**

187.0720, -8.9095, 57.8189

# Trichromacy



## Original Color

186.0860, -20.2554, 56.9296

## Protanomaly

184.9250, -16.2320, 26.3758

## Deuteranomaly

185.1500, -20.7800, 38.4564

## Tritanomaly

186.3340, -12.9827, 57.5891

# Monochromacy



## Original Color

186.0860, -20.2554, 56.9296

## Achromatopsia

186.0000, 0.0000, 0.0000

## Achromatomaly

186.1830, -7.4852, 20.8875

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.0860, -20.2554, 56.9296 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(251, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 145)  
}
```

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(251, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 145) }
```

## Border

The CSS property to change the border of an element to YUV 186.0860, -20.2554, 56.9296 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(251, 161, 145) }
```



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

```
.border{ border-color:rgb(251, 161, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 186.0860, -20.2554, 56.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 145) }
```

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

```
.background{ background-color: rgb(251,  
161, 145) }
```

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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