

Converting Colors

YUV(187.9830, -20.6976,
58.7739)

Have a look what the booklet for
YUV(187.9830, -20.6976, 58.7739)
contains.

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Color

**YUV(187.9830, -20.6976,
58.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA292
RGB	255, 162, 146
RGB Percent	100%, 64%, 57%
CMY	0.0000, 0.3647, 0.4275
CMYK	0.00, 0.36, 0.43, 0.00
HSL	9°, 100%, 79%
HSV	9°, 43%, 100%
XYZ	59.3486, 49.1760, 33.5580
YIQ	187.9830, 60.5640, 14.7400

Conversions

Conversions Part 2

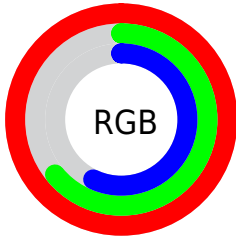
Format	Color
R _Y B	255, 165, 146
Decimal	16753298
CIE Lab	75.56, 32.70, 22.77
CIE LCh	76, 39.847, 34.846
Yxy	49.1760, 0.4177, 0.3461
Android (android.graphics.Color)	4294943378 (0xFFFFA292)
YUV	187.9830, -20.6976, 58.7739
Hunter-Lab	70.1256, 28.3482, 20.7152

Details

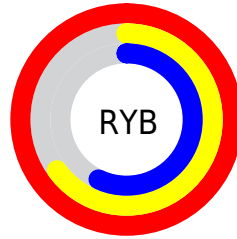
The YUV color **187.9830, -20.6976, 58.7739** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.0170, 20.6976, -58.7739**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0110, -13.3164, 24.5464**, and **133.1180, -18.7922, 54.2705** is the 20% darker color. If you saturate the color by 10%, you get **172.2190, -25.2510, 72.5989**, and if you desaturate by 10%, it is **203.7470, -16.1443, 44.9489**.

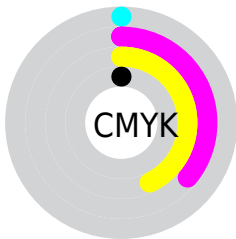
Distribution



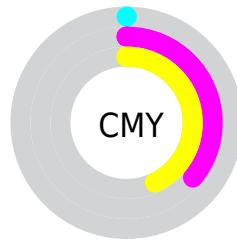
- Red (100%)
- Green (64%)
- Blue (57%)



- Red (100%)
- Yellow (65%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.9830, -20.6976, 58.7739 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 187.9830, -20.6976, 58.7739 by changing the saturation by 10% instead.


 187.9830,
-20.6976, 58.7739

 187.9830,
-20.6976, 58.7739


255.0000, 0.0000,
0.0000


 160.2000,
-19.8186, 56.8296


 227.0110,
-13.3164, 24.5464


 133.1180,
-18.7922, 54.2705

 246.6390, -9.1890,
7.3326

 107.1500,
-17.3290, 51.6114

 81.4810, -16.0131,
49.5672

 56.6270, -14.1131,
46.8081

 29.8550, -13.2395,
46.6082

 16.7440, -8.2548,

34.4275

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 187.9830,
-20.6976, 58.7739

■ 187.9830,
-20.6976, 58.7739

■ 172.2190,
-25.2510, 72.5989

■ 203.7470,
-16.1443, 44.9489

■ 156.3410,
-30.2411, 86.5239

■ 219.6250,
-11.1541, 31.0239

■ 141.0500,
-35.5207, 99.9341

■ 234.9160, -5.8746,
17.6137

■ 125.2860,
-40.0740, 113.7592

■ 250.6800, -1.3212,
3.7886

■ 109.4080, 255.0000, 0.0000,
-45.0641, 127.6842 0.0000

■ 97.9640, -48.2963,
137.7206

Harmonies

Analogous

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



189.0380, -3.9627, 57.8487



187.9830, -20.6976, 58.7739



185.7950, -32.4369, 44.0298

Triad

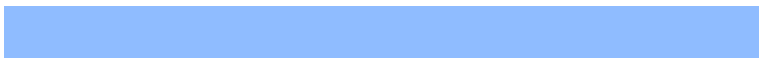
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187.9830, -20.6976, 58.7739



172.8960, -9.3157, -45.5128



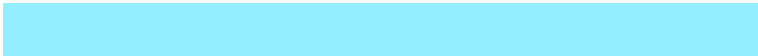
182.1830, 35.8988, -34.3635

Complementary

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



187.9830, -20.6976, 58.7739



213.0170, 20.6976, -58.7739

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.



168.2760, 41.2759, -79.1721



187.9830, -20.6976, 58.7739



163.6260, 13.4954, -82.1100

Square

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



187.9830, -20.6976, 58.7739



178.6370, -26.4430, -11.9596



154.2970, 35.8426, -109.8855



189.4980, 28.3485, 7.4563

Rectangle

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



187.9830, -20.6976, 58.7739



184.3000, -35.1509, 27.8009



154.2970, 35.8426, -109.8855



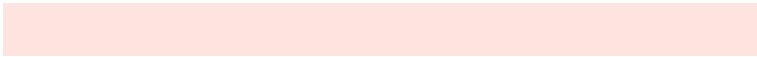
178.2520, 37.8368, -49.3330

Sweetspot

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



187.9830, -20.6976, 58.7739



234.8020, -6.3114, 17.7136



189.3070, 24.9916, 57.6128



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.



187.9830, -20.6976, 58.7739



175.0230, -24.6613, 70.1398



219.0940, -36.0353, 31.4896



120.0610, -2.4951, 6.9625



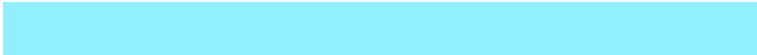
73.5450, -36.2577, 103.0080



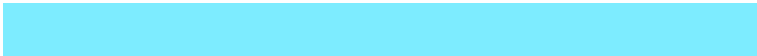
24.4190, -12.0386, 34.7125

Inverse Universe

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



213.0170, 20.6976, -58.7739



204.9770, 24.6613, -70.1398



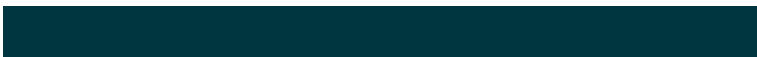
181.9060, 36.0353, -31.4896



122.9390, 2.4951, -6.9625



117.4550, 36.2577, -103.0080



38.9940, 12.3280, -34.1977

Previews

White Background



This preview shows how the YUV color 187.9830, -20.6976, 58.7739 looks on a white background.

Color Contrast Check

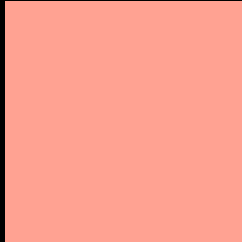
Large Text (above 18pt) WCAG AA × Fail

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 187.9830, -20.6976, 58.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

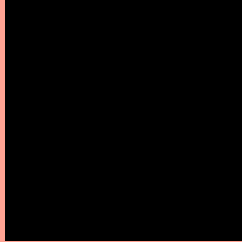
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.9830, -20.6976, 58.7739

Background



This preview shows how black text looks on a background with the YUV color 187.9830, -20.6976, 58.7739.



This preview shows how white text looks on a background with the YUV color 187.9830, -20.6976,

58.7739.

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

187.9830, -20.6976, 58.7739

Protanopia

185.9830, -14.2886, 9.6619

Deuteranopia

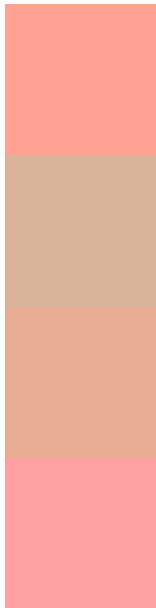
186.8560, -21.6210, 28.1903



Tritanopia

189.6590, -9.1989, 57.3041

Trichromacy



Original Color

187.9830, -20.6976, 58.7739

Protanomaly

186.5230, -16.5268, 27.6053

Deuteranomaly

187.3350, -21.3642, 39.1712

Tritanomaly

189.2200, -13.4195, 57.6891

Monochromacy



Original Color

187.9830, -20.6976, 58.7739

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1830, -7.4852, 20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9830, -20.6976, 58.7739 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(255, 162, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 146)  
}
```

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(255, 162, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 146) }
```

Border

The CSS property to change the border of an element to YUV 187.9830, -20.6976, 58.7739 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(255, 162, 146) }
```


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

```
.border{ border-color:rgb(255, 162, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 162, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 162, 146); box-shadow:4px 4px 4px 4px rgb(255, 162, 146) }
```

Background

The CSS property to change the background color of an element to YUV 187.9830, -20.6976, 58.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 146) }
```

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

```
.background{ background-color: rgb(255,  
162, 146) }
```

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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