

Converting Colors

YUV(186.2630, -32.1747,
53.2663)

Have a look what the booklet for
YUV(186.2630, -32.1747, 53.2663)
contains.

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Color

**YUV(186.2630, -32.1747,
53.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A879
RGB	247, 168, 121
RGB Percent	97%, 66%, 47%
CMY	0.0314, 0.3412, 0.5255
CMYK	0.00, 0.32, 0.51, 0.03
HSL	22°, 89%, 72%
HSV	22°, 51%, 97%
XYZ	55.8116, 49.1599, 24.6364
YIQ	186.2630, 62.1710, 2.1310

Conversions

Conversions Part 2

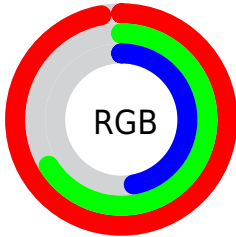
Format	Color
R _Y B	247, 196, 121
Decimal	16230521
CIE Lab	75.55, 24.08, 35.97
CIE LCh	76, 43.290, 56.202
Yxy	49.1599, 0.4306, 0.3793
Android (android.graphics.Color)	4294420601 (0xFF7A879)
YUV	186.2630, -32.1747, 53.2663
Hunter-Lab	70.1141, 19.3882, 28.2468

Details

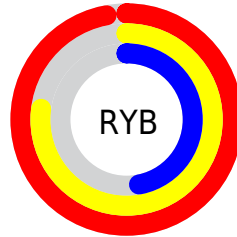
The YUV color **186.2630, -32.1747, 53.2663** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **181.7370, 32.1747, -53.2663**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.9820, -26.1201, 24.5718**, and **132.0990, -30.1218, 48.1482** is the 20% darker color. If you saturate the color by 10%, you get **174.6080, -38.7537, 63.4878**, and if you desaturate by 10%, it is **197.9180, -25.5956, 43.0449**.

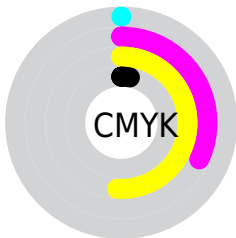
Distribution



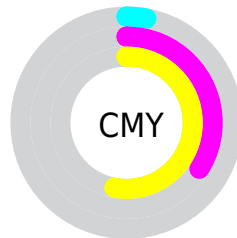
- Red (97%)
- Green (66%)
- Blue (47%)



- Red (97%)
- Yellow (77%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (51%)
- Black (3%)



- Cyan (3%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2630, -32.1747, 53.2663 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 186.2630, -32.1747, 53.2663 by changing the saturation by 10% instead.

186.2630,
-32.1747, 53.2663

186.2630,
-32.1747, 53.2663

255.0000, 0.0000,
0.0000

158.5940,
-30.8588, 51.2221

226.9820,
-26.1201, 24.5718

132.0990,
-30.1218, 48.1482

247.1970,
-22.2821, 6.8432

106.1310,
-28.6586, 45.4891

252.1500,
-10.9200, 2.4994

81.0490, -27.6322,
42.9300

55.7390, -27.4793,
40.5709

34.7520, -17.1327,
35.2975

14.3520, -7.0755,

29.5093

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 186.2630,
-32.1747, 53.2663

■ 186.2630,
-32.1747, 53.2663

■ 174.6080,
-38.7537, 63.4878

■ 197.9180,
-25.5956, 43.0449

■ 162.4800,
-44.6066, 74.1240

■ 210.0460,
-19.7427, 32.4087

■ 150.8250,
-51.1857, 84.3455

■ 221.7010,
-13.1636, 22.1872

■ 138.5830,
-57.4754, 95.0817

■ 233.9430, -6.8739,
11.4510

127.8570,
-63.0335, 104.4884

245.4840, -0.7316,
1.3295

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



185.8460, -16.1931, 60.6481



186.2630, -32.1747, 53.2663



183.5020, -38.2085, 28.5007

Triad

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



186.2630, -32.1747, 53.2663



162.9590, 8.4012, -81.5250



188.2730, 32.8964, -4.6244

Complementary

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



186.2630, -32.1747, 53.2663



181.7370, 32.1747, -53.2663

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.



176.4580, 38.7212, -53.0217



186.2630, -32.1747, 53.2663



146.5890, 36.1916, -128.5586

Square

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



186.2630, -32.1747, 53.2663



173.6920, -16.6102, -39.1949



150.7760, 49.4104, -121.7066



191.0840, 19.6786, 35.0063

Rectangle

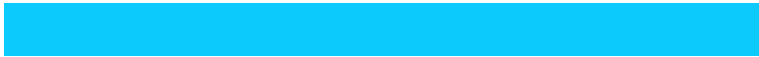
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186.2630, -32.1747, 53.2663



181.2390, -36.1068, 7.6834



150.7760, 49.4104, -121.7066



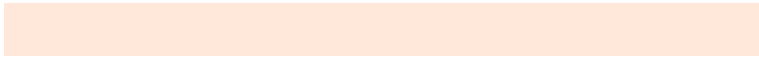
184.9290, 34.5450, -20.1087

Sweetspot

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



186.2630, -32.1747, 53.2663



236.5800, -9.6529, 16.1543



167.7940, 16.3706, 69.4637



116.5730, -5.7055, 10.0215



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.



186.2630, -32.1747, 53.2663



179.6900, -39.7802, 66.0469



222.6570, -50.1169, 21.3488



116.5230, -3.2158, 4.8033



96.1170, -47.3857, 78.8274



30.5550, -15.0636, 24.9463

Inverse Universe

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



181.7370, 32.1747, -53.2663



174.3100, 39.7802, -66.0469



145.3430, 50.1169, -21.3488



116.0640, 2.9264, -5.3181



89.8830, 47.3857, -78.8274



28.4450, 15.0636, -24.9463

Previews

White Background



This preview shows how the YUV color 186.2630, -32.1747, 53.2663 looks on a white background.

Color Contrast Check

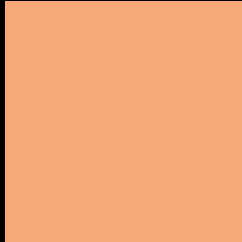
Large Text (above 18pt) WCAG AA × Fail

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 186.2630, -32.1747, 53.2663 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 186.2630, -32.1747, 53.2663

Background



This preview shows how black text looks on a background with the YUV color 186.2630, -32.1747, 53.2663.



This preview shows how white text looks on a background with the YUV color 186.2630, -32.1747, 53.2663.

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

186.2630, -32.1747, 53.2663

Protanopia

184.1720, -27.6928, 15.6352

Deuteranopia

185.3270, -32.6992, 34.7932



Tritanopia

189.2780, -8.0251, 54.1302

Trichromacy



Original Color

186.2630, -32.1747, 53.2663

Protanomaly

184.5050, -29.3360, 29.3751

Deuteranomaly

185.4850, -32.2841, 41.6707

Tritanomaly

188.5740, -17.0450, 53.8706

Monochromacy



Original Color

186.2630, -32.1747, 53.2663

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7330, -11.7004, 19.5282

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2630, -32.1747, 53.2663 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(247, 168, 121)` looks like.

```
.text, #text, p{  
    color:rgb(247, 168, 121)  
}
```

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(247, 168, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 168, 121) }
```

Border

The CSS property to change the border of an element to YUV 186.2630, -32.1747, 53.2663 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(247, 168, 121) }
```


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

```
.border{ border-color:rgb(247, 168, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 168, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 168, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 168, 121);  
box-shadow:4px 4px 4px 4px rgb(247, 168,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 186.2630, -32.1747, 53.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 168, 121) }
```

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

```
.background{ background-color: rgb(247,  
168, 121) }
```

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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