

Converting Colors

YUV(187.0420, -36.9957,
59.5992)

Have a look what the booklet for
YUV(187.0420, -36.9957, 59.5992)
contains.

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Color

**YUV(187.0420, -36.9957,
59.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA770
RGB	255, 167, 112
RGB Percent	100%, 65%, 44%
CMY	0.0000, 0.3451, 0.5608
CMYK	0.00, 0.35, 0.56, 0.00
HSL	23°, 100%, 72%
HSV	23°, 56%, 100%
XYZ	57.9833, 50.0673, 21.9371
YIQ	187.0420, 70.1030, 1.5510

Conversions

Conversions Part 2

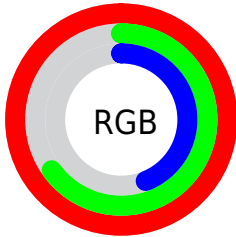
Format	Color
R_{YB}	255, 201, 112
Decimal	16754544
CIE _{Lab}	76.11, 27.03, 41.56
CIE _{LCh}	76, 49.580, 56.964
Yxy	50.0673, 0.4461, 0.3852
Android (android.graphics.Color)	4294944624 (0xFFFFA770)
YUV	187.0420, -36.9957, 59.5992
Hunter-Lab	70.7582, 22.4462, 31.1491

Details

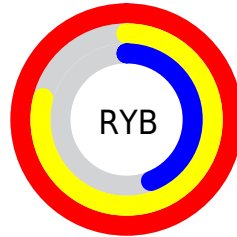
The YUV color **187.0420, -36.9957, 59.5992** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **179.9580, 36.9957, -59.5992**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9560, -30.0513, 25.4716**, and **131.9920, -34.5061, 54.3810** is the 20% darker color. If you saturate the color by 10%, you get **174.8000, -43.2854, 70.3354**, and if you desaturate by 10%, it is **199.3980, -30.2692, 48.7630**.

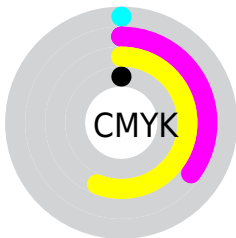
Distribution



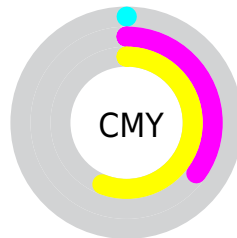
- Red (100%)
- Green (65%)
- Blue (44%)



- Red (100%)
- Yellow (79%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0420, -36.9957, 59.5992 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 187.0420, -36.9957, 59.5992 by changing the saturation by 10% instead.

187.0420,
-36.9957, 59.5992

187.0420,
-36.9957, 59.5992

255.0000, 0.0000,
0.0000

159.3730,
-35.6799, 57.5549

225.9560,
-30.0513, 25.4716

131.9920,
-34.5061, 54.3810

245.4700,
-26.3607, 8.3578

106.0240,
-33.0428, 51.7220

251.0100,
-15.2879, 3.4992

80.4150, -32.7426,
48.7480

254.3160, -2.6208,
0.5999

56.9460, -28.0744,
44.7744

34.7740, -17.1436,
38.7862

15.5480, -7.6652,

31.9684

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 187.0420,
-36.9957, 59.5992

■ 187.0420,
-36.9957, 59.5992

■ 174.8000,
-43.2854, 70.3354

■ 199.3980,
-30.2692, 48.7630

■ 163.0310,
-50.3013, 80.6568

■ 211.0530,
-23.6901, 38.5415

■ 150.6750,
-57.0278, 91.4930

■ 223.4090,
-16.9636, 27.7053

■ 138.4330,
-63.3175, 102.2293

■ 235.6510,
-10.6739, 16.9691

133.7710,
-65.9491, 106.3178

247.4200, -3.6581,
6.6477

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



183.0420, -16.7827, 63.1072



187.0420, -36.9957, 59.5992



183.9170, -44.3291, 31.6448

Triad

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



187.0420, -36.9957, 59.5992



149.8730, 15.3456, -115.6526



188.5720, 32.7490, -4.0096

Complementary

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



187.0420, -36.9957, 59.5992



179.9580, 36.9957, -59.5992

Split Complementary

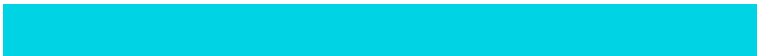
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



172.8480, 40.5009, -63.8877



187.0420, -36.9957, 59.5992



149.8490, 38.5284, -131.4176

Square

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



187.0420, -36.9957, 59.5992



172.2950, -17.8934, -47.6167



149.4050, 52.0583, -131.0282



192.8120, 22.2777, 41.3839

Rectangle

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



187.0420, -36.9957, 59.5992



181.1590, -41.4904, 7.7536



149.4050, 52.0583, -131.0282



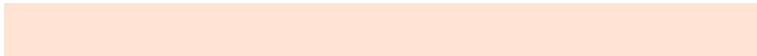
184.3310, 34.8398, -21.3383

Sweetspot

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



187.0420, -36.9957, 59.5992



234.2490, -10.9688, 18.1986



164.7890, 17.3590, 79.1150



115.6440, -6.7265, 10.8362



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.



187.0420, -36.9957, 59.5992



173.8710, -44.3064, 71.1501



228.7190, -57.5425, 23.0484



121.8220, -3.3632, 5.4181



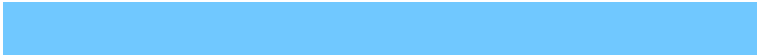
100.5470, -49.5697, 79.3273



33.8110, -16.6688, 26.4758

Inverse Universe

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



179.9580, 36.9957, -59.5992



165.1290, 44.3064, -71.1501



138.2810, 57.5425, -23.0484



121.1780, 3.3632, -5.4181



91.0400, 49.2803, -79.8421



30.1890, 16.6688, -26.4758

Previews

White Background



This preview shows how the YUV color 187.0420, -36.9957, 59.5992 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 187.0420, -36.9957, 59.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

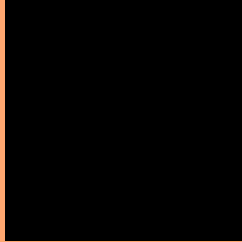
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0420, -36.9957, 59.5992

Background



This preview shows how black text looks on a background with the YUV color 187.0420, -36.9957, 59.5992.



This preview shows how white text looks on a background with the YUV color 187.0420, -36.9957, 59.5992.

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

187.0420, -36.9957, 59.5992

Protanopia

185.3310, -32.2082, 17.2497

Deuteranopia

185.9700, -37.9462, 37.7373



Tritanopia

191.0610, -8.9041, 56.0745

Trichromacy



Original Color

187.0420, -36.9957, 59.5992

Protanomaly

185.6750, -33.8568, 32.7340

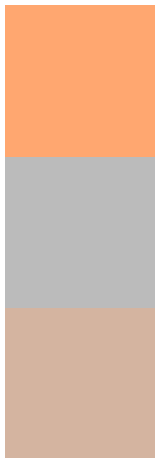
Deuteranomaly

186.4270, -37.6785, 45.2295

Tritanomaly

189.7270, -19.0924, 57.2444

Monochromacy



Original Color

187.0420, -36.9957, 59.5992

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2880, -13.4530, 21.6724

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0420, -36.9957, 59.5992 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, 167, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 112)  
}
```

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, 167, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 112) }
```

Border

The CSS property to change the border of an element to YUV 187.0420, -36.9957, 59.5992 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, 167, 112) }
```


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

```
.border{ border-color:rgb(255, 167, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 187.0420, -36.9957, 59.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 112) }
```

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

```
.background{ background-color: rgb(255,  
167, 112) }
```

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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