

Converting Colors

YUV(185.9020, -41.3637,
60.5989)

Have a look what the booklet for
YUV(185.9020, -41.3637, 60.5989)
contains.

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Color

**YUV(185.9020, -41.3637,
60.5989)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA766
RGB	255, 167, 102
RGB Percent	100%, 65%, 40%
CMY	0.0000, 0.3451, 0.6000
CMYK	0.00, 0.35, 0.60, 0.00
HSL	25°, 100%, 70%
HSV	25°, 60%, 100%
XYZ	57.4570, 49.8567, 19.1654
YIQ	185.9020, 73.3130, -1.5590

Conversions

Conversions Part 2

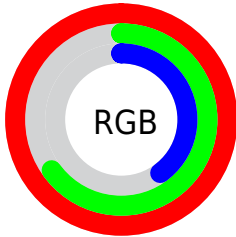
Format	Color
R _Y B	255, 215, 102
Decimal	16754534
CIE Lab	75.98, 26.30, 46.50
CIE LCh	76, 53.425, 60.510
Yxy	49.8567, 0.4543, 0.3942
Android (android.graphics.Color)	4294944614 (0xFFFFA766)
YUV	185.9020, -41.3637, 60.5989
Hunter-Lab	70.6093, 21.6847, 33.3335

Details

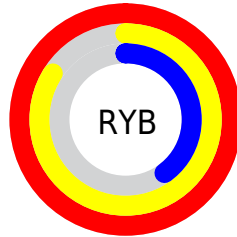
The YUV color **185.9020, -41.3637, 60.5989** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **171.0980, 41.3637, -60.5989**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1150, -34.5667, 27.0861**, and **131.4390, -39.1634, 54.8660** is the 20% darker color. If you saturate the color by 10%, you get **174.2470, -47.9428, 70.8204**, and if you desaturate by 10%, it is **197.6710, -34.3478, 50.2775**.

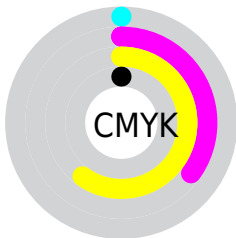
Distribution



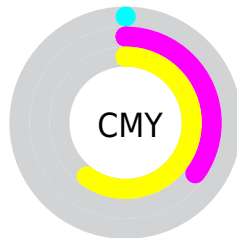
- Red (100%)
- Green (65%)
- Blue (40%)



- Red (100%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.9020, -41.3637, 60.5989 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 185.9020, -41.3637, 60.5989 by changing the saturation by 10% instead.

185.9020,
-41.3637, 60.5989

185.9020,
-41.3637, 60.5989

255.0000, 0.0000,
0.0000

157.9340,
-39.9005, 57.9399

224.1150,
-34.5667, 27.0861

131.4390,
-39.1634, 54.8660

244.3300,
-30.7287, 9.3576

104.9440,
-38.4264, 51.7921

249.8700,
-19.6559, 4.4990

78.5200, -38.7104,
49.5330

253.0620, -7.4256,
1.6996

56.6470, -27.9270,
44.1596

34.4750, -16.9962,
38.1714

15.2490, -7.5178,

31.3536

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 185.9020,
-41.3637, 60.5989

■ 185.9020,
-41.3637, 60.5989

■ 174.2470,
-47.9428, 70.8204

■ 197.6710,
-34.3478, 50.2775

■ 163.0650,
-55.2480, 80.6270

■ 208.7390,
-27.4793, 40.5709

■ 151.2960,
-62.2639, 90.9484

■ 220.5080,
-20.4634, 30.2495

■ 139.6410,
-68.8430, 101.1698

■ 232.1630,
-13.8844, 20.0280

243.3450, -6.5791,
10.2214

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.



180.8420, -20.1351, 65.0366



185.9020, -41.3637, 60.5989



182.8690, -48.2494, 29.0559

Triad

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



185.9020, -41.3637, 60.5989



145.7620, 20.3303, -127.8333



188.6160, 32.7273, 2.9678

Complementary

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



185.9020, -41.3637, 60.5989



171.0980, 41.3637, -60.5989

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.



171.6740, 41.0797, -62.8581



185.9020, -41.3637, 60.5989



150.7610, 42.0228, -132.2174

Square

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



185.9020, -41.3637, 60.5989



168.2120, -15.3875, -58.0679



149.4050, 52.0583, -131.0282



193.0410, 21.6718, 49.0760

Rectangle

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



185.9020, -41.3637, 60.5989



179.5560, -43.6581, 3.0204



149.4050, 52.0583, -131.0282



184.3640, 34.8235, -16.1052

Sweetspot

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



185.9020, -41.3637, 60.5989



234.4940, -12.5685, 17.9838



157.8930, 16.3218, 85.1628



114.7150, -7.7475, 11.6509



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.



185.9020, -41.3637, 60.5989



171.8020, -49.6954, 72.9646



229.9270, -63.0680, 21.9890



121.8220, -3.3632, 5.4181



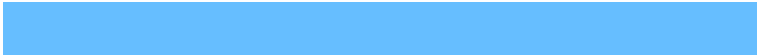
104.6560, -51.5954, 75.7237



34.9850, -17.2476, 25.4462

Inverse Universe

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



171.0980, 41.3637, -60.5989



154.1980, 49.6954, -72.9646



127.0730, 63.0680, -21.9890



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 185.9020, -41.3637, 60.5989 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 185.9020, -41.3637, 60.5989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

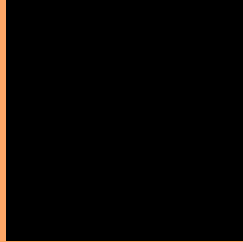
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.9020, -41.3637, 60.5989

Background



This preview shows how black text looks on a background with the YUV color 185.9020, -41.3637, 60.5989.



This preview shows how white text looks on a background with the YUV color 185.9020, -41.3637, 60.5989.

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

185.9020, -41.3637, 60.5989

Protanopia

184.3760, -37.1604, 18.9642

Deuteranopia

185.1290, -42.4616, 39.3519



Tritanopia

190.3600, -9.0515, 56.6893

Trichromacy



Original Color

185.9020, -41.3637, 60.5989

Protanomaly

184.7200, -38.8090, 34.4486

Deuteranomaly

185.5860, -42.1939, 46.8441

Tritanomaly

188.6840, -20.5502, 58.1591

Monochromacy



Original Color

185.9020, -41.3637, 60.5989

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8320, -15.2002, 22.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.9020, -41.3637, 60.5989 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 102) }
```

Border

The CSS property to change the border of an element to YUV 185.9020, -41.3637, 60.5989 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, 102) }
```


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

```
.border{ border-color:rgb(255, 167, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 185.9020, -41.3637, 60.5989 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, 102) }
```

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

```
.background{ background-color: rgb(255,  
167, 102) }
```

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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