

Converting Colors

YUV(187.7770, -41.7951,
58.9546)

Have a look what the booklet for
YUV(187.7770, -41.7951, 58.9546)
contains.

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Color

**YUV(187.7770, -41.7951,
58.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA67
RGB	255, 170, 103
RGB Percent	100%, 67%, 40%
CMY	0.0000, 0.3333, 0.5961
CMYK	0.00, 0.33, 0.60, 0.00
HSL	26°, 100%, 70%
HSV	26°, 60%, 100%
XYZ	58.0629, 50.9887, 19.6135
YIQ	187.7770, 72.1670, -2.8170

Conversions

Conversions Part 2

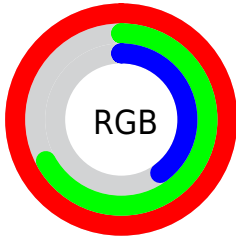
Format	Color
R _Y B	255, 223, 103
Decimal	16755303
CIE Lab	76.67, 24.80, 46.83
CIE LCh	77, 52.990, 62.092
Yxy	50.9887, 0.4513, 0.3963
Android (android.graphics.Color)	4294945383 (0xFFFFAA67)
YUV	187.7770, -41.7951, 58.9546
Hunter-Lab	71.4064, 20.1831, 33.6990

Details

The YUV color **187.7770, -41.7951, 58.9546** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **170.2230, 41.7951, -58.9546**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6910, -34.8507, 24.8270**, and **132.7270, -39.3054, 53.7364** is the 20% darker color. If you saturate the color by 10%, you get **176.7090, -48.6635, 68.6612**, and if you desaturate by 10%, it is **198.9590, -34.4898, 49.1480**.

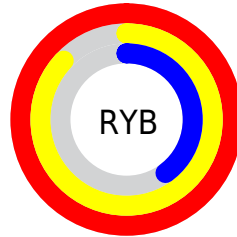
Distribution



Red (100%)

Green (67%)

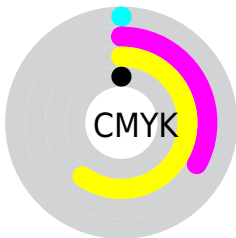
Blue (40%)



Red (100%)

Yellow (87%)

Blue (40%)

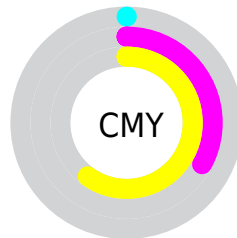


Cyan (0%)

Magenta (33%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7770, -41.7951, 58.9546 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 187.7770, -41.7951, 58.9546 by changing the saturation by 10% instead.

187.7770,
-41.7951, 58.9546

187.7770,
-41.7951, 58.9546

255.0000, 0.0000,
0.0000

159.8090,
-40.3318, 56.2955

226.6910,
-34.8507, 24.8270

132.7270,
-39.3054, 53.7364

246.2050,
-31.1601, 7.7132

106.5310,
-38.7158, 51.2773

249.9840,
-19.2191, 4.3990

80.2810, -39.5785,
47.9886

253.2900, -6.5520,
1.4997

58.4080, -28.7951,
42.6152

37.1220, -18.3011,
36.7270

16.1350, -7.9546,

31.4536

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 187.7770,
-41.7951, 58.9546

■ 187.7770,
-41.7951, 58.9546

■ 176.7090,
-48.6635, 68.6612

■ 198.9590,
-34.4898, 49.1480

■ 164.9400,
-55.6794, 78.9826

■ 210.6140,
-27.9107, 38.9265

■ 153.7580,
-62.9847, 88.7892

■ 221.6820,
-21.0422, 29.2199

■ 142.6900,
-69.8532, 98.4959

■ 232.8640,
-13.7370, 19.4133

■ 141.9890,
-70.0006, 99.1106

■ 244.0460, -6.4317,
9.6067

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.



182.6030, -21.0033, 63.4922



187.7770, -41.7951, 58.9546



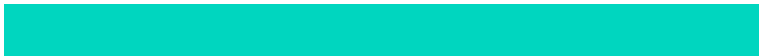
184.6730, -47.6598, 26.5968

Triad

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



187.7770, -41.7951, 58.9546



147.3920, 21.4987, -129.2628



190.6980, 31.7009, 5.5269

Complementary

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



187.7770, -41.7951, 58.9546



170.2230, 41.7951, -58.9546

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.



175.2510, 39.3163, -57.2251



187.7770, -41.7951, 58.9546



152.3910, 43.1912, -133.6469

Square

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



187.7770, -41.7951, 58.9546



169.5430, -14.0717, -60.1122



149.9920, 51.7689, -131.5430



194.7100, 20.3560, 51.1203

Rectangle

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



187.7770, -41.7951, 58.9546



181.1860, -42.4897, 1.5909



149.9920, 51.7689, -131.5430



187.0440, 33.5023, -12.3166

Sweetspot

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



187.7770, -41.7951, 58.9546



234.4940, -12.5685, 17.9838



158.2520, 15.1588, 84.8480



115.3020, -8.0369, 11.1361



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.



187.7770, -41.7951, 58.9546



173.5630, -50.5636, 71.4202



231.8020, -63.4994, 20.3446



121.8220, -3.3632, 5.4181



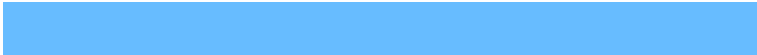
106.4170, -52.4636, 74.1793



35.5720, -17.5370, 24.9314

Inverse Universe

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



170.2230, 41.7951, -58.9546



152.4370, 50.5636, -71.4202



126.1980, 63.4994, -20.3446



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 187.7770, -41.7951, 58.9546 looks on a white background.

Color Contrast Check

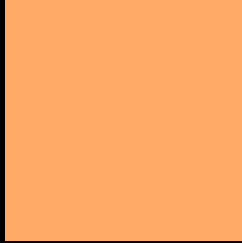
Large Text (above 18pt) WCAG AA × Fail

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 187.7770, -41.7951, 58.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

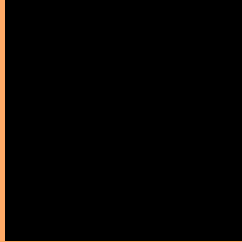
Any Text WCAG AA ✓ Pass

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 187.7770, -41.7951, 58.9546 Background



This preview shows how black text looks on a background with the YUV color 187.7770, -41.7951, 58.9546.



This preview shows how white text looks on a background with the YUV color 187.7770, -41.7951, 58.9546.

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

187.7770, -41.7951, 58.9546

Protanopia

186.2620, -37.5972, 19.0642

Deuteranopia

187.1290, -42.4616, 39.3519



Tritanopia

192.4630, -8.6093, 54.8449

Trichromacy



Original Color

187.7770, -41.7951, 58.9546

Protanomaly

186.8940, -39.3877, 33.4190

Deuteranomaly

187.2870, -42.0465, 46.2293

Tritanomaly

190.6730, -20.5448, 56.4148

Monochromacy



Original Color

187.7770, -41.7951, 58.9546

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.5330, -15.0528, 21.4576

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7770, -41.7951, 58.9546 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, 170, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 103)  
}
```

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, 170, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 103) }
```

Border

The CSS property to change the border of an element to YUV 187.7770, -41.7951, 58.9546 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, 170, 103) }
```


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

```
.border{ border-color:rgb(255, 170, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 170, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 187.7770, -41.7951, 58.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 103) }
```

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

```
.background{ background-color: rgb(255,  
170, 103) }
```

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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