

Converting Colors

YUV(187.8260, -42.8052,
56.2806)

Have a look what the booklet for
YUV(187.8260, -42.8052, 56.2806)
contains.

YUV(187.8260, -42.8052, 56.2806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.8260, -42.8052,
56.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAC65
RGB	252, 172, 101
RGB Percent	99%, 67%, 40%
CMY	0.0118, 0.3255, 0.6039
CMYK	0.00, 0.32, 0.60, 0.01
HSL	28°, 96%, 69%
HSV	28°, 60%, 99%
XYZ	57.2464, 51.1401, 19.1657
YIQ	187.8260, 70.4710, -5.1210

Conversions

Conversions Part 2

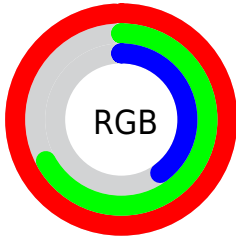
Format	Color
R _Y B	252, 235, 101
Decimal	16559205
CIE Lab	76.76, 22.41, 47.85
CIE LCh	77, 52.839, 64.906
Yxy	51.1401, 0.4488, 0.4009
Android (android.graphics.Color)	4294749285 (0xFFFCAC65)
YUV	187.8260, -42.8052, 56.2806
Hunter-Lab	71.5123, 17.7447, 34.1685

Details

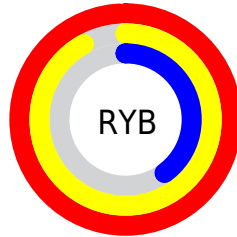
The YUV color **187.8260, -42.8052, 56.2806** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **165.1740, 42.8052, -56.2806**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.6370, -36.3030, 23.9974**, and **132.7760, -40.3156, 51.0624** is the 20% darker color. If you saturate the color by 10%, you get **177.3450, -49.9631, 65.4724**, and if you desaturate by 10%, it is **198.3070, -35.6474, 47.0888**.

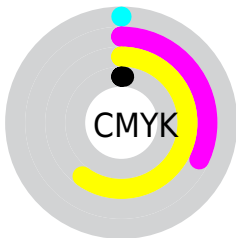
Distribution



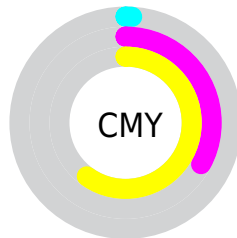
- Red (99%)
- Green (67%)
- Blue (40%)



- Red (99%)
- Yellow (92%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8260, -42.8052, 56.2806 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 187.8260, -42.8052, 56.2806 by changing the saturation by 10% instead.

187.8260,
-42.8052, 56.2806

187.8260,
-42.8052, 56.2806

255.0000, 0.0000,
0.0000

160.1570,
-41.4894, 54.2363

227.6370,
-36.3030, 23.9974

132.7760,
-40.3156, 51.0624

246.5640,
-32.3231, 7.3984

106.4660,
-40.1627, 48.7033

249.7560,
-20.0927, 4.5990

80.8570, -39.8625,
45.7294

253.0620, -7.4256,
1.6996

58.9840, -29.0791,
40.3560

37.6980, -18.5851,
34.4679

17.2980, -8.5279,

28.6797

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 187.8260,
-42.8052, 56.2806

■ 187.8260,
-42.8052, 56.2806

■ 177.3450,
-49.9631, 65.4724

■ 198.3070,
-35.6474, 47.0888

■ 166.2770,
-56.8316, 75.1791

■ 209.3750,
-28.7789, 37.3821

■ 155.6820,
-64.4262, 84.4709

■ 219.9700,
-21.1842, 28.0903

■ 145.2010,
-71.5841, 93.6627

■ 230.4510,
-14.0263, 18.8985

144.6140,
-71.2947, 94.1775

241.5190, -7.1579,
9.1918

252.0000, 0.0000,
0.0000

254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



183.3210, -23.3293, 62.8625



187.8260, -42.8052, 56.2806



184.1780, -46.9228, 23.5229

Triad

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



187.8260, -42.8052, 56.2806



148.5490, 23.3933, -130.2775



192.2040, 30.9584, 10.3451

Complementary

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



187.8260, -42.8052, 56.2806



165.1740, 42.8052, -56.2806

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.



177.9530, 37.9842, -49.9478



187.8260, -42.8052, 56.2806



152.8470, 44.9384, -134.0468

Square

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



187.8260, -42.8052, 56.2806



168.6070, -11.1453, -65.4303



149.4050, 52.0583, -131.0282



194.2650, 18.6034, 53.2646

Rectangle

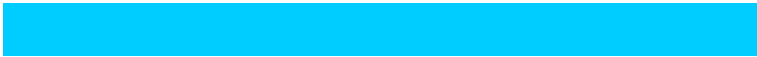
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.8260, -42.8052, 56.2806



181.0930, -41.4578, -2.7126



149.4050, 52.0583, -131.0282



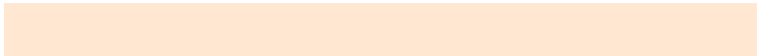
188.5500, 32.7599, -7.4983

Sweetspot

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



187.8260, -42.8052, 56.2806



235.6680, -13.1473, 16.9542



155.3830, 13.1222, 84.7331



115.8890, -8.3263, 10.6213



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.



187.8260, -42.8052, 56.2806



177.0850, -52.2999, 68.3315



231.8510, -64.5095, 17.6707



119.4090, -3.6526, 4.9033



108.7540, -53.6157, 70.3757



35.2620, -17.3842, 22.5722

Inverse Universe

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



165.1740, 42.8052, -56.2806



149.5020, 52.0105, -68.8463



121.1490, 64.5095, -17.6707



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



25.7380, 17.3842, -22.5722

Previews

White Background



This preview shows how the YUV color 187.8260, -42.8052, 56.2806 looks on a white background.

Color Contrast Check

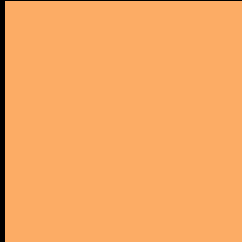
Large Text (above 18pt) WCAG AA × Fail

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 187.8260, -42.8052, 56.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

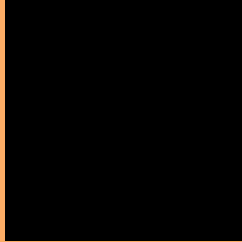
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.8260, -42.8052, 56.2806

Background



This preview shows how black text looks on a background with the YUV color 187.8260, -42.8052, 56.2806.



This preview shows how white text looks on a background with the YUV color 187.8260, -42.8052, 56.2806.

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

187.8260, -42.8052, 56.2806

Protanopia

185.9200, -38.9076, 19.3642

Deuteranopia

187.2000, -43.4826, 40.1666



Tritanopia

192.5770, -8.1725, 54.7450

Trichromacy



Original Color

187.8260, -42.8052, 56.2806

Protanomaly

186.3670, -40.1139, 33.0041

Deuteranomaly

187.6460, -43.2095, 45.9145

Tritanomaly

190.9610, -20.6868, 55.2852

Monochromacy



Original Color

187.8260, -42.8052, 56.2806

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7070, -15.6316, 20.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8260, -42.8052, 56.2806 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(252, 172, 101)` looks like.

```
.text, #text, p{  
    color:rgb(252, 172, 101)  
}
```

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(252, 172, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 172, 101) }
```

Border

The CSS property to change the border of an element to YUV 187.8260, -42.8052, 56.2806 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(252, 172, 101) }
```


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

```
.border{ border-color:rgb(252, 172, 101) }
```

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

Here you see how a box with a 4 pixel rgb(252, 172, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 172, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 172, 101);  
box-shadow:4px 4px 4px 4px rgb(252, 172,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 187.8260, -42.8052, 56.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 172, 101) }
```

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

```
.background{ background-color: rgb(252,  
172, 101) }
```

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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