

Converting Colors

YUV(172.8430, -41.8276,
69.4207)

Have a look what the booklet for
YUV(172.8430, -41.8276, 69.4207)
contains.

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Color

**YUV(172.8430, -41.8276,
69.4207)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FC9558 |
| RGB | 252, 149, 88 |
| RGB Percent | 99%, 58%, 35% |
| CMY | 0.0118, 0.4157, 0.6549 |
| CMYK | 0.00, 0.41, 0.65, 0.01 |
| HSL | 22°, 96%, 67% |
| HSV | 22°, 65%, 99% |
| XYZ | 52.6538, 42.8949, 14.7369 |
| YIQ | 172.8430, 80.9690, 2.8650 |

Conversions

Conversions Part 2

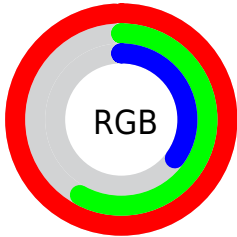
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 252, 185, 88 |
| Decimal | 16553304 |
| CIE _{Lab} | 71.48, 33.56, 48.15 |
| CIE _{LCh} | 71, 58.690, 55.122 |
| Yxy | 42.8949, 0.4774, 0.3889 |
| Android (android.graphics.Color) | 4294743384 (0xFFFC9558) |
| YUV | 172.8430, -41.8276, 69.4207 |
| Hunter-Lab | 65.4942, 28.8894, 32.5051 |

Details

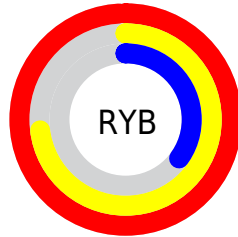
The YUV color **172.8430, -41.8276, 69.4207** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **167.1570, 41.8276, -69.4207**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9530, -35.4728, 37.7522**, and **118.1950, -39.0431, 62.9730** is the 20% darker color. If you saturate the color by 10%, you get **160.6010, -48.1173, 80.1569**, and if you desaturate by 10%, it is **185.0850, -35.5379, 58.6845**.

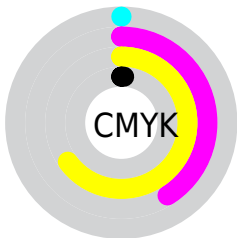
Distribution



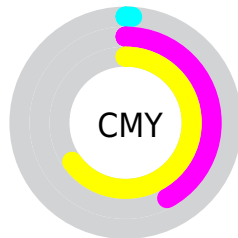
- Red (99%)
- Green (58%)
- Blue (35%)



- Red (99%)
- Yellow (73%)
- Blue (35%)



- Cyan (0%)
- Magenta (41%)
- Yellow (65%)
- Black (1%)



- Cyan (1%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8430, -41.8276, 69.4207 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 172.8430, -41.8276, 69.4207 by changing the saturation by 10% instead.

172.8430,
-41.8276, 69.4207

172.8430,
-41.8276, 69.4207

255.0000, 0.0000,
0.0000

145.4620,
-40.6538, 66.2468

211.9530,
-35.4728, 37.7522

118.1950,
-39.0431, 62.9730

231.4670,
-31.7822, 20.6384

91.4720, -39.1797,
60.0991

248.0460,
-26.6447, 6.0987

67.3450, -33.2011,
55.8254

251.2380,
-14.4143, 3.2993

43.7000, -21.5441,
50.2521

254.5440, -1.7472,
0.3999

21.8270, -10.7607,
44.8787

14.4660, -6.6387,

29.4093

■ 0.0000, 0.0000,
0.0000

■ 172.8430,
-41.8276, 69.4207

■ 172.8430,
-41.8276, 69.4207

■ 160.6010,
-48.1173, 80.1569

■ 185.0850,
-35.5379, 58.6845

■ 148.3590,
-54.4070, 90.8932

■ 197.3270,
-29.2482, 47.9482

■ 136.5900,
-61.4229, 101.2146

■ 209.0960,
-22.2323, 37.6268

■ 130.5260,
-64.3493, 106.5327

■ 221.3380,
-15.9426, 26.8906

■ 233.5800, -9.6529,
16.1543

■ 245.8220, -3.3632,
5.4181

■ 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.



168.8910, -17.6943, 75.5176



172.8430, -41.8276, 69.4207



169.7730, -52.6391, 37.0331

Triad

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



172.8430, -41.8276, 69.4207



136.6830, 13.4673, -119.8710



174.6620, 39.6066, -10.2276

Complementary

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



172.8430, -41.8276, 69.4207



167.1570, 41.8276, -69.4207

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.



137.0780, 58.1355, -120.2174



172.8430, -41.8276, 69.4207



142.9530, 37.4912, -125.3698

Square

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



172.8430, -41.8276, 69.4207



155.2140, -21.7975, -55.4387



144.1220, 54.6629, -126.3950



180.3270, 27.9398, 45.3172

Rectangle

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



172.8430, -41.8276, 69.4207



167.1780, -50.3738, 10.3679



144.1220, 54.6629, -126.3950



168.9040, 42.4453, -34.1188

Sweetspot

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



172.8430, -41.8276, 69.4207



230.4020, -13.0162, 21.5724



148.8920, 21.2522, 90.4257



112.7260, -7.7529, 13.3953



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.



172.8430, -41.8276, 69.4207



158.9390, -50.7489, 84.2455



220.3900, -65.2683, 27.7220



118.8220, -3.3632, 5.4181



97.6010, -48.1173, 80.1569



31.7400, -15.6478, 25.6610

Inverse Universe

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



167.1570, 41.8276, -69.4207



152.0610, 50.7489, -84.2455



119.6100, 65.2683, -27.7220



118.1780, 3.3632, -5.4181



91.3990, 48.1173, -80.1569



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 172.8430, -41.8276, 69.4207 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 172.8430, -41.8276, 69.4207 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 172.8430, -41.8276, 69.4207

Background



This preview shows how black text looks on a background with the YUV color 172.8430, -41.8276, 69.4207.



This preview shows how white text looks on a background with the YUV color 172.8430, -41.8276, 69.4207.

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

172.8430, -41.8276, 69.4207

Protanopia

172.0770, -37.0130, 18.3495

Deuteranopia

172.4880, -43.6246, 39.0370



Tritanopia

176.9270, -12.2890, 68.4700

Trichromacy



Original Color

172.8430, -41.8276, 69.4207

Protanomaly

172.1440, -38.5250, 36.7077

Deuteranomaly

172.3800, -43.0783, 50.5327

Tritanomaly

175.7670, -23.0561, 68.6103

Monochromacy



Original Color

172.8430, -41.8276, 69.4207

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8540, -15.2110, 25.5610

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8430, -41.8276, 69.4207 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, 149, 88)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 88)  
}
```

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, 149, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 88) }
```

Border

The CSS property to change the border of an element to YUV 172.8430, -41.8276, 69.4207 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, 149, 88) }
```


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

```
.border{ border-color:rgb(252, 149, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 88);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 172.8430, -41.8276, 69.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 88) }
```

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

```
.background{ background-color: rgb(252,  
149, 88) }
```

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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