

Converting Colors

YUV(164.4220, -33.2390,
68.0359)

Have a look what the booklet for
YUV(164.4220, -33.2390, 68.0359)
contains.

YUV(164.4220, -33.2390, 68.0359)	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(164.4220, -33.2390,
68.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	F28A61
RGB	242, 138, 97
RGB Percent	95%, 54%, 38%
CMY	0.0510, 0.4588, 0.6196
CMYK	0.00, 0.43, 0.60, 0.05
HSL	17°, 85%, 66%
HSV	17°, 60%, 95%
XYZ	47.8641, 37.9173, 16.1053
YIQ	164.4220, 75.1450, 9.2970

Conversions

Conversions Part 2

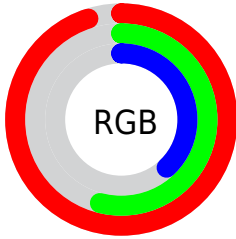
Format	Color
R _Y B	242, 154, 97
Decimal	15895137
CIE Lab	67.96, 35.90, 38.99
CIE LCh	68, 52.999, 47.360
Yxy	37.9173, 0.4698, 0.3722
Android (android.graphics.Color)	4294085217 (0xFFFF28A61)
YUV	164.4220, -33.2390, 68.0359
Hunter-Lab	61.5770, 30.9891, 27.5967

Details

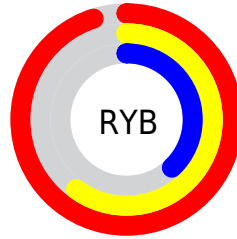
The YUV color **164.4220, -33.2390, 68.0359** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **174.5780, 33.2390, -68.0359**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4080, -28.7951, 42.6152**, and **110.1870, -30.1652, 62.1030** is the 20% darker color. If you saturate the color by 10%, you get **151.7070, -38.8026, 79.1870**, and if you desaturate by 10%, it is **177.1370, -27.6755, 56.8849**.

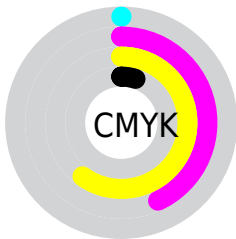
Distribution



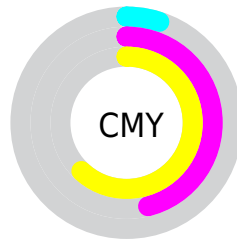
- Red (95%)
- Green (54%)
- Blue (38%)



- Red (95%)
- Yellow (60%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (60%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4220, -33.2390, 68.0359 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 164.4220, -33.2390, 68.0359 by changing the saturation by 10% instead.


 164.4220,
-33.2390, 68.0359


 164.4220,
-33.2390, 68.0359


255.0000, 0.0000,
0.0000

 137.1550,
-31.6284, 64.7621


 206.4080,
-28.7951, 42.6152


 110.1870,
-30.1652, 62.1030


 225.9220,
-25.1045, 25.5014

 83.9200, -28.5546,
58.8292

 246.1370,
-21.2665, 7.7729

 57.8380, -27.5281,
56.2701

 252.2640,
-10.4832, 2.3995

 32.5030, -16.0240,
53.0559

 19.4350, -9.5815,
39.9605

 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 164.4220,
-33.2390, 68.0359

■ 164.4220,
-33.2390, 68.0359

■ 151.7070,
-38.8026, 79.1870

■ 177.1370,
-27.6755, 56.8849

■ 138.4050,
-44.0767, 90.8528

■ 190.4390,
-22.4014, 45.2190

■ 125.5760,
-50.0770, 102.1038

■ 203.2680,
-16.4011, 33.9680

■ 112.8610,
-55.6405, 113.2549

■ 215.9830,
-10.8376, 22.8169

■ 112.2740,
-55.3511, 113.7697

■ 229.2850, -5.5635,
11.1511

■ 242.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



165.5800, -12.6109, 78.4213



164.4220, -33.2390, 68.0359



162.3420, -45.5246, 41.7961

Triad

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



164.4220, -33.2390, 68.0359



126.6580, 8.0566, -111.0791



163.6430, 45.0390, -25.9969

Complementary

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



164.4220, -33.2390, 68.0359



174.5780, 33.2390, -68.0359

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.



132.9690, 60.1613, -116.6138



164.4220, -33.2390, 68.0359



133.5320, 29.3177, -117.1076

Square

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



164.4220, -33.2390, 68.0359



151.1950, -26.2251, -35.2510



135.9720, 48.8208, -119.2474



170.6840, 29.7358, 29.2181

Rectangle

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



164.4220, -33.2390, 68.0359



159.9710, -46.3277, 19.3194



135.9720, 48.8208, -119.2474



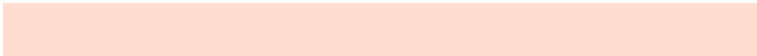
157.2980, 48.1671, -49.3733

Sweetspot

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



164.4220, -33.2390, 68.0359



230.3850, -10.5428, 21.5874



152.4390, 24.9266, 78.5450



112.3670, -6.5899, 13.7101



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.



164.4220, -33.2390, 68.0359



156.5400, -42.1712, 86.3494



205.5120, -53.4964, 32.0000



113.3490, -2.6371, 5.8329



85.5400, -42.1712, 86.3494



26.1360, -12.8850, 26.1907

Inverse Universe

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



174.5780, 33.2390, -68.0359



169.4600, 42.1712, -86.3494



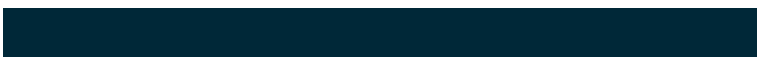
133.4880, 53.4964, -32.0000



114.0640, 2.9264, -5.3181



98.4600, 42.1712, -86.3494



29.8640, 12.8850, -26.1907

Previews

White Background



This preview shows how the YUV color 164.4220, -33.2390, 68.0359 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 164.4220, -33.2390, 68.0359 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 164.4220, -33.2390, 68.0359

Background



This preview shows how black text looks on a background with the YUV color 164.4220, -33.2390, 68.0359.



This preview shows how white text looks on a background with the YUV color 164.4220, -33.2390,

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

164.4220, -33.2390, 68.0359

Protanopia

163.8730, -27.5454, 15.0204

Deuteranopia

164.0450, -35.0252, 34.1635



Tritanopia

166.9270, -12.2890, 68.4700

Trichromacy



Original Color

164.4220, -33.2390, 68.0359

Protanomaly

164.1250, -29.6416, 34.0934

Deuteranomaly

164.2360, -34.6263, 46.2740

Tritanomaly

165.9780, -19.7092, 68.4253

Monochromacy



Original Color

164.4220, -33.2390, 68.0359

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.3530, -12.0060, 24.2464

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4220, -33.2390, 68.0359 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(242, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(242, 138, 97)  
}
```

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(242, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 138, 97) }
```

Border

The CSS property to change the border of an element to YUV 164.4220, -33.2390, 68.0359 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(242, 138, 97) }
```


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

```
.border{ border-color:rgb(242, 138, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 138, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(242, 138,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 164.4220, -33.2390, 68.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 138, 97) }
```

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

```
.background{ background-color: rgb(242,  
138, 97) }
```

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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