

Converting Colors

YUV(166.0920, -36.0344,
77.9723)

Have a look what the booklet for
YUV(166.0920, -36.0344, 77.9723)
contains.

YUV(166.0920, -36.0344, 77.9723)	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(166.0920, -36.0344,
77.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	FF875D
RGB	255, 135, 93
RGB Percent	100%, 53%, 36%
CMY	0.0000, 0.4706, 0.6353
CMYK	0.00, 0.47, 0.64, 0.00
HSL	16°, 100%, 68%
HSV	16°, 64%, 100%
XYZ	51.8798, 39.3783, 15.2223
YIQ	166.0920, 85.0020, 12.3780

Conversions

Conversions Part 2

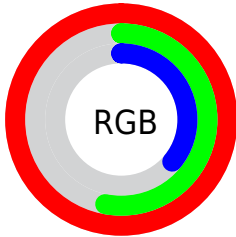
Format	Color
R _Y B	255, 150, 93
Decimal	16746333
CIE Lab	69.02, 42.14, 42.79
CIE LCh	69, 60.057, 45.441
Yxy	39.3783, 0.4872, 0.3698
Android (android.graphics.Color)	4294936413 (0xFFFF875D)
YUV	166.0920, -36.0344, 77.9723
Hunter-Lab	62.7521, 37.7572, 29.5440

Details

The YUV color **166.0920, -36.0344, 77.9723** 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 **181.9080, 36.0344, -77.9723**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1910, -29.6742, 44.5595**, and **110.9710, -32.5237, 71.9394** is the 20% darker color. If you saturate the color by 10%, you get **151.9750, -41.8927, 90.3529**, and if you desaturate by 10%, it is **180.2090, -30.1760, 65.5917**.

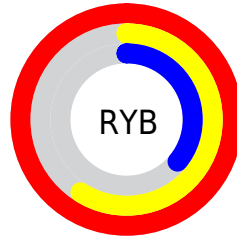
Distribution



Red (100%)

Green (53%)

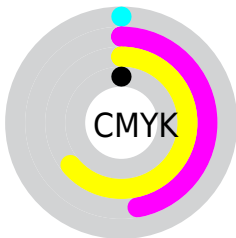
Blue (36%)



Red (100%)

Yellow (59%)

Blue (36%)

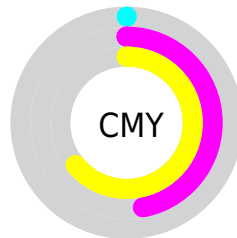


Cyan (0%)

Magenta (47%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0920, -36.0344, 77.9723 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 166.0920, -36.0344, 77.9723 by changing the saturation by 10% instead.

166.0920,
-36.0344, 77.9723

166.0920,
-36.0344, 77.9723

255.0000, 0.0000,
0.0000

138.2380,
-34.1343, 75.2133

204.1910,
-29.6742, 44.5595

110.9710,
-32.5237, 71.9394

223.7050,
-25.9836, 27.4457

84.4050, -30.7657,
68.0508

243.9200,
-22.1456, 9.7172

57.0780, -28.1395,
65.7066

251.8080,
-12.2303, 2.7994

30.7970, -15.1829,
63.3220

22.1260, -10.9081,
45.4935

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 166.0920,
-36.0344, 77.9723

■ 166.0920,
-36.0344, 77.9723

■ 151.9750,
-41.8927, 90.3529

■ 180.2090,
-30.1760, 65.5917

■ 137.9720,
-47.3142, 102.6336

■ 194.2120,
-24.7545, 53.3111

■ 123.8550,
-53.1725, 115.0142

■ 208.3290,
-18.8962, 40.9305

■ 114.9870,
-56.6886, 122.7914

■ 222.3320,
-13.4747, 28.6498

■ 235.8620, -7.3270,
16.7840

249.8650, -1.9054,
4.5034

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.



162.8730, -10.2904, 80.7954



166.0920, -36.0344, 77.9723



163.9640, -52.2403, 49.1436

Triad

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



166.0920, -36.0344, 77.9723



129.1370, 4.8625, -113.2531



162.4030, 45.6503, -35.4334

Complementary

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



166.0920, -36.0344, 77.9723



181.9080, 36.0344, -77.9723

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.



135.9040, 58.7143, -119.1878



166.0920, -36.0344, 77.9723



136.8090, 29.1812, -119.9815

Square

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



166.0920, -36.0344, 77.9723



152.3920, -31.7453, -38.0548



140.6340, 51.4524, -123.3360



173.4760, 35.2613, 30.2775

Rectangle

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



166.0920, -36.0344, 77.9723



161.5280, -54.4903, 24.0929



140.6340, 51.4524, -123.3360



151.5730, 50.9895, -68.0315

Sweetspot

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



166.0920, -36.0344, 77.9723



228.3960, -10.5482, 23.3317



155.3460, 29.4094, 87.3966



111.6660, -6.7373, 14.3249



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.



166.0920, -36.0344, 77.9723



148.3560, -43.0665, 93.5268



213.0520, -59.1856, 36.7884



120.6480, -2.7845, 6.4477



86.4590, -42.6243, 91.6825



29.1150, -14.3537, 30.5941

Inverse Universe

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



181.9080, 36.0344, -77.9723



167.6440, 43.0665, -93.5268



135.5350, 58.8962, -37.3032



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 166.0920, -36.0344, 77.9723 looks on a white background.

Color Contrast Check

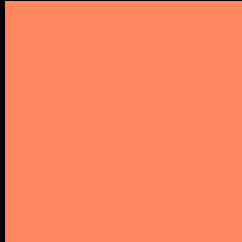
Large Text (above 18pt) WCAG AA × Fail

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 166.0920, -36.0344, 77.9723 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 166.0920, -36.0344, 77.9723

Background



This preview shows how black text looks on a background with the YUV color 166.0920, -36.0344, 77.9723.



This preview shows how white text looks on a background with the YUV color 166.0920, -36.0344, 77.9723.

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

166.0920, -36.0344, 77.9723

Protanopia

166.1890, -30.1662, 15.6202

Deuteranopia

166.4320, -38.6670, 35.5781



Tritanopia

169.1020, -14.3473, 75.3325

Trichromacy



Original Color

166.0920, -36.0344, 77.9723

Protanomaly

166.4630, -32.2733, 38.1819

Deuteranomaly

166.4600, -37.6948, 50.4626

Tritanomaly

167.7510, -22.0622, 76.5174

Monochromacy



Original Color

166.0920, -36.0344, 77.9723

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0330, -13.3273, 28.0351

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0920, -36.0344, 77.9723 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, 135, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 93)  
}
```

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, 135, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 93) }
```

Border

The CSS property to change the border of an element to YUV 166.0920, -36.0344, 77.9723 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, 135, 93) }
```


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

```
.border{ border-color:rgb(255, 135, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 166.0920, -36.0344, 77.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 93) }
```

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

```
.background{ background-color: rgb(255,  
135, 93) }
```

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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