

Converting Colors

YUV(166.1720, -37.5528,
51.5922)

Have a look what the booklet for
YUV(166.1720, -37.5528, 51.5922)
contains.

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Color

**YUV(166.1720, -37.5528,
51.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	E1975A
RGB	225, 151, 90
RGB Percent	88%, 59%, 35%
CMY	0.1176, 0.4078, 0.6471
CMYK	0.00, 0.33, 0.60, 0.12
HSL	27°, 69%, 62%
HSV	27°, 60%, 88%
XYZ	43.9634, 38.8790, 14.8601
YIQ	166.1720, 63.6850, -3.2830

Conversions

Conversions Part 2

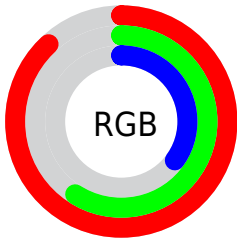
Format	Color
R_{YB}	225, 201, 90
Decimal	14784346
CIE Lab	68.66, 21.75, 43.00
CIE LCh	69, 48.189, 63.165
Yxy	38.8790, 0.4500, 0.3979
Android (android.graphics.Color)	4292974426 (0xFFE1975A)
YUV	166.1720, -37.5528, 51.5922
Hunter-Lab	62.3530, 16.7378, 29.5169

Details

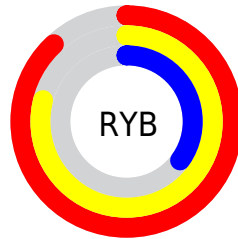
The YUV color **166.1720, -37.5528, 51.5922** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **148.8280, 37.5528, -51.5922**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7680, -34.8886, 37.0375**, and **113.0080, -35.4999, 46.4740** is the 20% darker color. If you saturate the color by 10%, you get **156.6200, -43.6897, 59.9693**, and if you desaturate by 10%, it is **175.8380, -30.9791, 43.1151**.

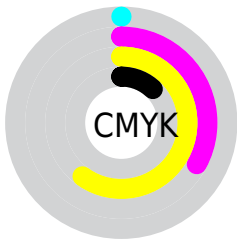
Distribution



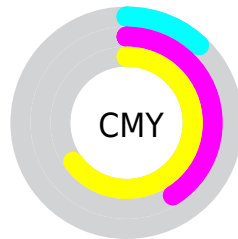
- Red (88%)
- Green (59%)
- Blue (35%)



- Red (88%)
- Yellow (79%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (12%)



- Cyan (12%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1720, -37.5528, 51.5922 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 166.1720, -37.5528, 51.5922 by changing the saturation by 10% instead.

166.1720,
-37.5528, 51.5922

166.1720,
-37.5528, 51.5922

255.0000, 0.0000,
0.0000

139.0900,
-36.5264, 49.0331

212.7680,
-34.8886, 37.0375

113.0080,
-35.4999, 46.4740

232.7550,
-31.9242, 19.5089

87.3990, -35.1997,
43.5001

248.2740,
-25.7711, 5.8987

63.1150, -31.1157,
40.2411

251.4660,
-13.5407, 3.0993

41.8290, -20.6217,
34.3530

254.7720, -0.8736,
0.2000

20.8420, -10.2751,
29.0796

9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 166.1720,
-37.5528, 51.5922

■ 166.1720,
-37.5528, 51.5922

■ 156.6200,
-43.6897, 59.9693

■ 175.8380,
-30.9791, 43.1151

■ 146.3670,
-49.9739, 68.9611

■ 185.9770,
-25.1317, 34.2232

■ 136.8150,
-56.1108, 77.3382

■ 195.6430,
-18.5580, 25.7461

■ 127.1490,
-62.6845, 85.8153

■ 205.1950,
-12.4211, 17.3690

■ 215.4480, -6.1369,
8.3771

■ 225.0000, 0.0000,
0.0000

■ 234.6660, 6.5737,
-8.4771

■ 243.0950, 5.8692,
-15.8693

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



168.1800, -22.7667, 69.1251



166.1720, -37.5528, 51.5922



163.4320, -42.1180, 22.4231

Triad

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



166.1720, -37.5528, 51.5922



131.0240, 19.7082, -114.9080



170.7950, 34.6111, 5.4418

Complementary

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



166.1720, -37.5528, 51.5922



148.8280, 37.5528, -51.5922

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.



159.5320, 46.5727, -51.3326



166.1720, -37.5528, 51.5922



135.3390, 38.7799, -118.6923

Square

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



166.1720, -37.5528, 51.5922



150.2600, -11.4672, -55.4790



134.6500, 53.9096, -118.0880



171.9930, 17.7515, 46.4871

Rectangle

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



166.1720, -37.5528, 51.5922



160.1410, -37.5375, -0.1237



134.6500, 53.9096, -118.0880



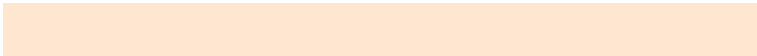
168.5370, 39.1753, -11.8719

Sweetspot

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



166.1720, -37.5528, 51.5922



235.0810, -12.8579, 17.4690



138.8010, 12.4231, 75.5965



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.



166.1720, -37.5528, 51.5922



174.7370, -51.1423, 70.3907



205.5010, -56.9420, 17.1006



107.2240, -3.0684, 4.1886



99.5840, -49.0949, 67.0168



27.2660, -13.4421, 18.1837

Inverse Universe

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



148.8280, 37.5528, -51.5922



151.2630, 51.1423, -70.3907



109.4990, 56.9420, -17.1006



105.7760, 3.0684, -4.1886



76.4160, 49.0949, -67.0168



21.3210, 13.1527, -18.6985

Previews

White Background



This preview shows how the YUV color 166.1720, -37.5528, 51.5922 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 166.1720, -37.5528, 51.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

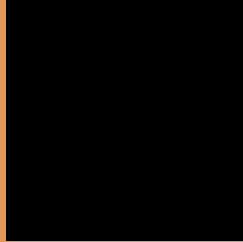
Any Text WCAG AA ✓ Pass

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 166.1720, -37.5528, 51.5922 Background



This preview shows how black text looks on a background with the YUV color 166.1720, -37.5528, 51.5922.

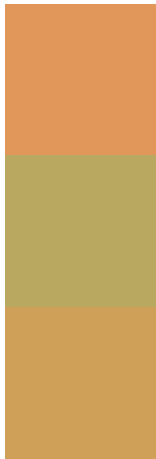


This preview shows how white text looks on a background with the YUV color 166.1720, -37.5528,

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

166.1720, -37.5528, 51.5922

Protanopia

164.5760, -33.8080, 17.0348

Deuteranopia

165.5460, -38.2302, 35.4782



Tritanopia

170.2670, -8.0196, 52.3858

Trichromacy



Original Color

166.1720, -37.5528, 51.5922

Protanomaly

165.3110, -35.1563, 29.5453

Deuteranomaly

165.9920, -37.9571, 41.2260

Tritanomaly

168.8080, -18.6393, 51.9114

Monochromacy



Original Color

166.1720, -37.5528, 51.5922

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1520, -13.8789, 18.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1720, -37.5528, 51.5922 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(225, 151, 90)` looks like.

```
.text, #text, p{  
    color:rgb(225, 151, 90)  
}
```

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(225, 151, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 151, 90) }
```

Border

The CSS property to change the border of an element to YUV 166.1720, -37.5528, 51.5922 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(225, 151, 90) }
```


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

```
.border{ border-color:rgb(225, 151, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 151, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 151, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 151, 90);  
box-shadow:4px 4px 4px 4px rgb(225, 151,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 166.1720, -37.5528, 51.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 151, 90) }
```

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

```
.background{ background-color: rgb(225,  
151, 90) }
```

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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