

Converting Colors

YUV(137.1950, -42.4941,
49.8180)

Have a look what the booklet for
YUV(137.1950, -42.4941, 49.8180)
contains.

YUV(137.1950, -42.4941, 49.8180)	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(137.1950, -42.4941,
49.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	C27D33
RGB	194, 125, 51
RGB Percent	76%, 49%, 20%
CMY	0.2392, 0.5098, 0.8000
CMYK	0.00, 0.36, 0.74, 0.24
HSL	31°, 58%, 48%
HSV	31°, 74%, 76%
XYZ	30.1793, 26.3756, 6.6323
YIQ	137.1950, 64.8780, -8.3860

Conversions

Conversions Part 2

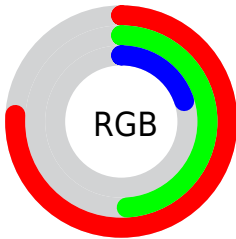
Format	Color
RYB	184, 194, 51
Decimal	12746035
CIELab	58.39, 20.45, 49.57
CIELCh	58, 53.624, 67.577
Yxy	26.3756, 0.4776, 0.4174
Android (android.graphics.Color)	4290936115 (0xFFC27D33)
YUV	137.1950, -42.4941, 49.8180
Hunter-Lab	51.3572, 15.0179, 28.2932

Details

The YUV color **137.1950, -42.4941, 49.8180** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **107.8050, 42.4941, -49.8180**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3590, -44.5470, 54.9362**, and **84.9770, -41.8937, 43.8702** is the 20% darker color. If you saturate the color by 10%, you get **129.7460, -48.1888, 56.3508**, and if you desaturate by 10%, it is **144.6440, -36.7995, 43.2852**.

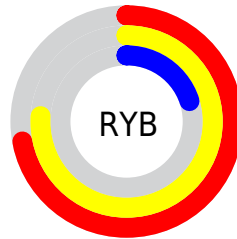
Distribution



Red (76%)

Green (49%)

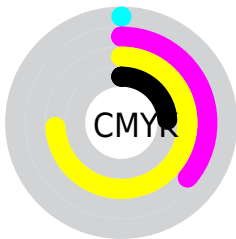
Blue (20%)



Red (72%)

Yellow (76%)

Blue (20%)

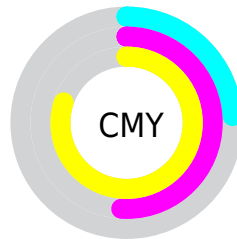


Cyan (0%)

Magenta (36%)

Yellow (74%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1950, -42.4941, 49.8180 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 137.1950, -42.4941, 49.8180 by changing the saturation by 10% instead.

137.1950,
-42.4941, 49.8180

137.1950,
-42.4941, 49.8180

255.0000, 0.0000,
0.0000

110.5860,
-42.1939, 46.8441

192.3590,
-44.5470, 54.9362

84.9770, -41.8937,
43.8702

211.1720,
-41.0038, 38.4372

63.1040, -31.1103,
38.4968

231.1590,
-38.0394, 20.9086

41.8180, -20.6163,
32.6086

246.6780,
-31.8863, 7.2984

20.8310, -10.2697,
27.3352

249.8700,
-19.6559, 4.4990

8.1870, -3.5432,
16.4990

253.1760, -6.9888,

0.0000, 0.0000,

1.5996

0.0000

■ 137.1950,
-42.4941, 49.8180

■ 137.1950,
-42.4941, 49.8180

■ 129.7460,
-48.1888, 56.3508

■ 144.6440,
-36.7995, 43.2852

■ 121.5960,
-54.0308, 63.4983

■ 152.7940,
-30.9574, 36.1377

■ 116.7060,
-57.5361, 67.7868

■ 160.2430,
-25.2628, 29.6049

■ 167.8060,
-19.1314, 22.9721

■ 175.8420,
-13.7261, 15.9246

■ 183.2910, -8.0315,
9.3918

■ 191.4410, -2.1894,
2.2442

■ 198.8900, 3.5052,
-4.2885

■ 206.4530, 9.6367,
-10.9213

Harmonies

Analogous

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



138.3930, -25.8297, 71.5693



137.1950, -42.4941, 49.8180



134.1450, -46.9065, 18.2898

Triad

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



137.1950, -42.4941, 49.8180



112.8950, 18.7858, -99.0089



143.9530, 35.0262, 12.3192

Complementary

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



137.1950, -42.4941, 49.8180



107.8050, 42.4941, -49.8180

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.



130.0630, 51.2409, -55.3063



137.1950, -42.4941, 49.8180



117.5520, 39.1679, -103.0931

Square

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



137.1950, -42.4941, 49.8180



106.5480, -1.7492, -92.5656



116.8630, 54.2975, -102.4889



143.1190, 16.7033, 56.0236

Rectangle

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



137.1950, -42.4941, 49.8180



130.6410, -39.2630, -6.7012



116.8630, 54.2975, -102.4889



142.2110, 40.3220, -6.3240

Sweetspot

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



137.1950, -42.4941, 49.8180



230.4680, -16.4997, 18.8836



101.6230, 9.0599, 81.0146



114.7320, -10.2209, 11.6360



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.



137.1950, -42.4941, 49.8180



163.8830, -66.0043, 77.2786



177.1000, -62.1673, 13.0673



92.9250, -2.9210, 3.5738



96.8600, -47.7520, 56.2508



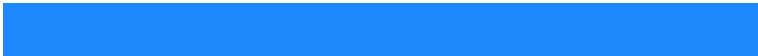
19.8460, -9.7841, 11.5361

Inverse Universe

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



107.8050, 42.4941, -49.8180



118.1170, 66.0043, -77.2786



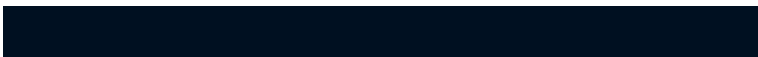
67.9000, 62.1673, -13.0673



91.0750, 2.9210, -3.5738



64.1400, 47.7520, -56.2508



13.1540, 9.7841, -11.5361

Previews

White Background



This preview shows how the YUV color 137.1950, -42.4941, 49.8180 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 137.1950, -42.4941, 49.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

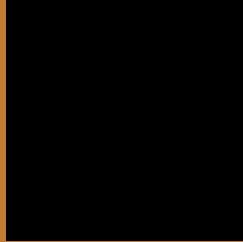
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.1950, -42.4941, 49.8180

Background



This preview shows how black text looks on a background with the YUV color 137.1950, -42.4941, 49.8180.



This preview shows how white text looks on a background with the YUV color 137.1950, -42.4941,

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

137.1950, -42.4941, 49.8180

Protanopia

135.9800, -39.9231, 18.4345

Deuteranopia

136.7540, -43.7557, 34.4187



Tritanopia

142.2450, -8.0088, 48.8971

Trichromacy



Original Color

137.1950, -42.4941, 49.8180

Protanomaly

136.2310, -40.5399, 29.6154

Deuteranomaly

137.2000, -43.4826, 40.1666

Tritanomaly

140.6290, -20.5231, 49.4374

Monochromacy



Original Color

137.1950, -42.4941, 49.8180

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.3970, -15.4787, 18.0688

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1950, -42.4941, 49.8180 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(194, 125, 51)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 51)  
}
```

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(194, 125, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 51) }
```

Border

The CSS property to change the border of an element to YUV 137.1950, -42.4941, 49.8180 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(194, 125, 51) }
```


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

```
.border{ border-color:rgb(194, 125, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 125, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 51);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 137.1950, -42.4941, 49.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 51) }
```

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

```
.background{ background-color: rgb(194,  
125, 51) }
```

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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