

Converting Colors

YUV(142.6880, -40.2722,
37.1076)

Have a look what the booklet for
YUV(142.6880, -40.2722, 37.1076)
contains.

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Color

**YUV(142.6880, -40.2722,
37.1076)**

Conversions

Conversions Part 1

Format	Color
Hex	B9893D
RGB	185, 137, 61
RGB Percent	73%, 54%, 24%
CMY	0.2745, 0.4627, 0.7608
CMYK	0.00, 0.26, 0.67, 0.27
HSL	37°, 50%, 48%
HSV	37°, 67%, 73%
XYZ	29.7955, 28.5425, 8.3537
YIQ	142.6880, 53.0040, -13.4600

Conversions

Conversions Part 2

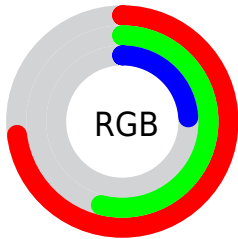
Format	Color
RYB	139, 185, 61
Decimal	12159293
CIELab	60.38, 10.45, 46.70
CIELCh	60, 47.854, 77.385
Yxy	28.5425, 0.4468, 0.4280
Android (android.graphics.Color)	4290349373 (0xFFB9893D)
YUV	142.6880, -40.2722, 37.1076
Hunter-Lab	53.4252, 6.0564, 28.1269

Details

The YUV color **142.6880, -40.2722, 37.1076** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **103.3120, 40.2722, -37.1076**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2540, -42.0302, 40.9962**, and **90.1390, -40.9875, 33.2041** is the 20% darker color. If you saturate the color by 10%, you get **136.5270, -46.1088, 42.5108**, and if you desaturate by 10%, it is **148.9630, -33.9988, 31.6044**.

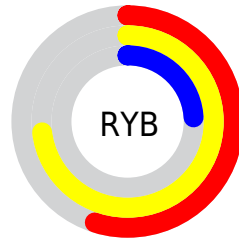
Distribution



Red (73%)

Green (54%)

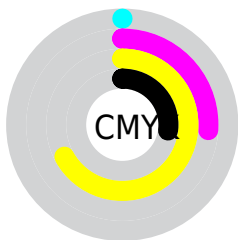
Blue (24%)



Red (55%)

Yellow (73%)

Blue (24%)

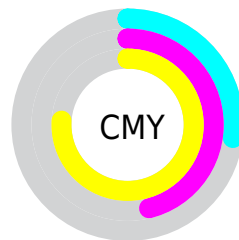


Cyan (0%)

Magenta (26%)

Yellow (67%)

Black (27%)



Cyan (27%)

Magenta (46%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6880, -40.2722, 37.1076 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 142.6880, -40.2722, 37.1076 by changing the saturation by 10% instead.

■ 142.6880,
-40.2722, 37.1076

■ 142.6880,
-40.2722, 37.1076

■ 255.0000, 0.0000,
0.0000

■ 116.4920,
-39.6826, 34.6485

■ 197.2540,
-42.0302, 40.9962

■ 90.1390, -40.9875,
33.2041

■ 219.9430,
-40.3979, 30.7450

■ 67.7670, -33.4091,
29.1453

■ 239.4570,
-36.7073, 13.6312

■ 46.7800, -23.0625,
23.8719

■ 247.9320,
-27.0815, 6.1986

■ 27.2660, -13.4421,
18.1837

■ 251.1240,
-14.8511, 3.3993

■ 7.1760, -3.5378,
14.7546

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 142.6880,
-40.2722, 37.1076

■ 142.6880,
-40.2722, 37.1076

■ 136.5270,
-46.1088, 42.5108

■ 148.9630,
-33.9988, 31.6044

■ 130.2520,
-52.3822, 48.0140

■ 155.1240,
-28.1621, 26.2013

■ 124.0910,
-58.2189, 53.4172

■ 161.3990,
-21.8887, 20.6981

■ 121.6460,
-59.9715, 55.5615

■ 168.1470,
-16.3415, 14.7801

■ 174.4220,
-10.0680, 9.2769

■ 180.5830, -4.2314,
3.8737

■ 186.8580, 2.0420,
-1.6295

■ 193.0190, 7.8786,
-7.0327

■ 199.2940, 14.1521,
-12.5358

Harmonies

Analogous

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



144.4040, -29.2862, 60.1587



142.6880, -40.2722, 37.1076



139.2450, -38.5748, 5.9241

Triad

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



142.6880, -40.2722, 37.1076



117.2950, 25.4906, -102.8677



150.3370, 25.9629, 26.0145

Complementary

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



142.6880, -40.2722, 37.1076



103.3120, 40.2722, -37.1076

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.



143.8130, 40.5182, -22.6380



142.6880, -40.2722, 37.1076



119.8660, 42.9571, -105.1225

Square

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



142.6880, -40.2722, 37.1076



111.8060, 6.9976, -98.0539



116.9770, 54.7343, -102.5888



147.9530, 8.4042, 57.9232

Rectangle

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



142.6880, -40.2722, 37.1076



135.7950, -29.4789, -18.2372



116.9770, 54.7343, -102.5888



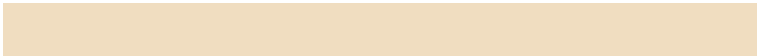
149.0300, 31.5372, 11.3747

Sweetspot

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



142.6880, -40.2722, 37.1076



223.3750, -15.4679, 14.5801



103.7760, 3.5614, 71.2334



110.2370, -9.4838, 8.5622



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.6880, -40.2722, 37.1076



174.0870, -62.1609, 57.8057



167.2760, -52.3941, 5.0199



88.6260, -2.7736, 2.9590



102.4090, -50.4876, 46.9993



18.3510, -9.0470, 8.4622

Inverse Universe

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



103.3120, 40.2722, -37.1076



113.3260, 62.4503, -57.2909



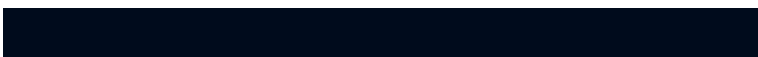
78.7240, 52.3941, -5.0199



85.7870, 3.0630, -2.4442



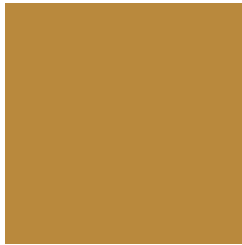
53.0040, 50.7770, -46.4845



9.6490, 9.0470, -8.4622

Previews

White Background



This preview shows how the YUV color 142.6880, -40.2722, 37.1076 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 142.6880, -40.2722, 37.1076 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 142.6880, -40.2722, 37.1076

Background



This preview shows how black text looks on a background with the YUV color 142.6880, -40.2722, 37.1076.



This preview shows how white text looks on a background with the YUV color 142.6880, -40.2722, 37.1076.

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

142.6880, -40.2722, 37.1076

Protanopia

141.4360, -38.1759, 18.0346

Deuteranopia

142.6660, -40.2613, 33.6189



Tritanopia

148.6780, -4.7713, 37.1164

Trichromacy



Original Color

142.6880, -40.2722, 37.1076

Protanomaly

141.9530, -38.9238, 24.5972

Deuteranomaly

142.3780, -40.1194, 34.7485

Tritanomaly

146.6490, -17.5750, 37.1418

Monochromacy



Original Color

142.6880, -40.2722, 37.1076

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8910, -14.7363, 13.2506

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6880, -40.2722, 37.1076 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(185, 137, 61)` looks like.

```
.text, #text, p{  
    color:rgb(185, 137, 61)  
}
```

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(185, 137, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 137, 61) }
```

Border

The CSS property to change the border of an element to YUV 142.6880, -40.2722, 37.1076 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(185, 137, 61) }
```


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

```
.border{ border-color:rgb(185, 137, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 137, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 137, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 137, 61);  
box-shadow:4px 4px 4px 4px rgb(185, 137,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 142.6880, -40.2722, 37.1076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 137, 61) }
```

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

```
.background{ background-color: rgb(185,  
137, 61) }
```

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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