

Converting Colors

YUV(149.8280, -35.9042,
36.1078)

Have a look what the booklet for
YUV(149.8280, -35.9042, 36.1078)
contains.

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Color

**YUV(149.8280, -35.9042,
36.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8F4D
RGB	191, 143, 77
RGB Percent	75%, 56%, 30%
CMY	0.2510, 0.4392, 0.6980
CMYK	0.00, 0.25, 0.60, 0.25
HSL	35°, 47%, 53%
HSV	35°, 60%, 75%
XYZ	32.6479, 31.2571, 11.3337
YIQ	149.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

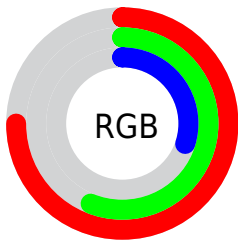
Format	Color
RYB	160, 191, 77
Decimal	12554061
CIELab	62.72, 10.84, 41.65
CIELCh	63, 43.038, 75.413
Yxy	31.2571, 0.4339, 0.4154
Android (android.graphics.Color)	4290744141 (0xFFBF8F4D)
YUV	149.8280, -35.9042, 36.1078
Hunter-Lab	55.9081, 6.3971, 27.1164

Details

The YUV color **149.8280, -35.9042, 36.1078** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **118.1720, 35.9042, -36.1078**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9810, -37.9516, 39.4817**, and **97.8490, -34.4356, 31.7044** is the 20% darker color. If you saturate the color by 10%, you get **142.9660, -41.8882, 42.1258**, and if you desaturate by 10%, it is **156.6900, -29.9202, 30.0899**.

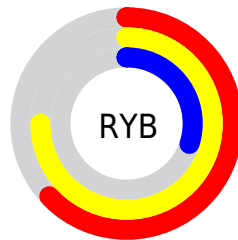
Distribution



Red (75%)

Green (56%)

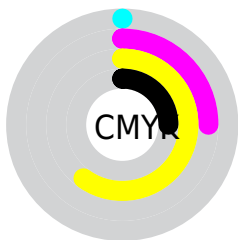
Blue (30%)



Red (63%)

Yellow (75%)

Blue (30%)

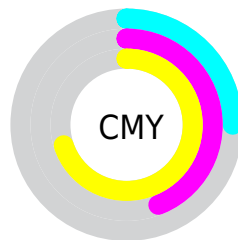


Cyan (0%)

Magenta (25%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8280, -35.9042, 36.1078 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 149.8280, -35.9042, 36.1078 by changing the saturation by 10% instead.

■ 149.8280,
-35.9042, 36.1078

■ 149.8280,
-35.9042, 36.1078

■ 255.0000, 0.0000,
0.0000

■ 123.1590,
-34.5884, 34.0636

■ 204.9810,
-37.9516, 39.4817

■ 97.8490, -34.4356,
31.7044

■ 225.8760,
-35.4349, 25.5417

■ 72.6100, -35.3037,
30.1600

■ 245.5040,
-31.3075, 8.3280

■ 51.5090, -25.3939,
24.9866

■ 249.7560,
-20.0927, 4.5990

■ 31.4080, -15.4841,
19.8132

■ 253.0620, -7.4256,
1.6996

■ 9.5570, -4.7116,
17.9285

■ 0.0000, 0.0000,

0.0000

■ 149.8280,
-35.9042, 36.1078

■ 149.8280,
-35.9042, 36.1078

■ 142.9660,
-41.8882, 42.1258

■ 156.6900,
-29.9202, 30.0899

■ 136.1040,
-47.8723, 48.1438

■ 163.5520,
-23.9361, 24.0719

■ 129.2420,
-53.8563, 54.1618

■ 170.4140,
-17.9521, 18.0539

■ 122.3800,
-59.8403, 60.1797

■ 177.2760,
-11.9681, 12.0359

■ 122.2660,
-60.2771, 60.2797

■ 184.1380, -5.9840,
6.0180

■ 191.1140, 0.4368,
-0.1000

■ 197.9760, 6.4208,
-6.1180

■ 204.8380, 12.4049,
-12.1359

■ 211.7000, 18.3889,
-18.1539

Harmonies

Analogous

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



151.5930, -25.9283, 56.4849



149.8280, -35.9042, 36.1078



146.8800, -34.9438, 7.9982

Triad

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



149.8280, -35.9042, 36.1078



119.8710, 25.2066, -105.1269



155.9620, 24.6687, 21.0813

Complementary

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



149.8280, -35.9042, 36.1078



118.1720, 35.9042, -36.1078

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.



150.4880, 36.7344, -22.3530



149.8280, -35.9042, 36.1078



122.5730, 40.6365, -107.4965

Square

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



149.8280, -35.9042, 36.1078



130.8700, 0.0641, -67.4150



129.7250, 46.9706, -85.7048



155.4960, 8.1365, 50.4310

Rectangle

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



149.8280, -35.9042, 36.1078



143.2840, -27.7480, -13.4041



129.7250, 46.9706, -85.7048



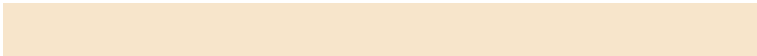
155.0250, 29.0747, 7.8711

Sweetspot

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



149.8280, -35.9042, 36.1078



231.4180, -14.0101, 13.6654



116.6720, 4.5987, 65.1857



114.7640, -8.7577, 8.9770



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.8280, -35.9042, 36.1078



182.6830, -56.0457, 56.4060



175.6120, -48.6157, 6.4793



90.6260, -2.7736, 2.9590



101.2460, -49.9143, 49.7733



19.8350, -9.7787, 9.7917

Inverse Universe

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



118.1720, 35.9042, -36.1078



133.3170, 56.0457, -56.4060



92.3880, 48.6157, -6.4793



88.3740, 2.7736, -2.9590



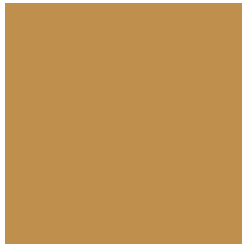
57.3410, 49.6249, -50.2881



11.1650, 9.7787, -9.7917

Previews

White Background



This preview shows how the YUV color 149.8280, -35.9042, 36.1078 looks on a white background.

Color Contrast Check

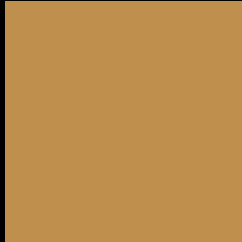
Large Text (above 18pt) WCAG AA × Fail

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 149.8280, -35.9042, 36.1078 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 149.8280, -35.9042, 36.1078

Background



This preview shows how black text looks on a background with the YUV color 149.8280, -35.9042, 36.1078.



This preview shows how white text looks on a background with the YUV color 149.8280, -35.9042, 36.1078.

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

149.8280, -35.9042, 36.1078

Protanopia

148.5760, -33.8080, 17.0348

Deuteranopia

149.8060, -35.8934, 32.6191



Tritanopia

154.3790, -4.6238, 36.5016

Trichromacy



Original Color

149.8280, -35.9042, 36.1078

Protanomaly

149.0930, -34.5558, 23.5974

Deuteranomaly

149.5180, -35.7514, 33.7487

Tritanomaly

152.6920, -16.1172, 36.2271

Monochromacy



Original Color

149.8280, -35.9042, 36.1078

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.6460, -13.1365, 13.4655

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8280, -35.9042, 36.1078 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(191, 143, 77)` looks like.

```
.text, #text, p{  
    color:rgb(191, 143, 77)  
}
```

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(191, 143, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 143, 77) }
```

Border

The CSS property to change the border of an element to YUV 149.8280, -35.9042, 36.1078 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(191, 143, 77) }
```


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

```
.border{ border-color:rgb(191, 143, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 143, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 143, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 143, 77);  
box-shadow:4px 4px 4px 4px rgb(191, 143,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 149.8280, -35.9042, 36.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 143, 77) }
```

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

```
.background{ background-color: rgb(191,  
143, 77) }
```

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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