

Converting Colors

YUV(158.6110, -40.2342,
24.8972)

Have a look what the booklet for
YUV(158.6110, -40.2342, 24.8972)
contains.

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Color

**YUV(158.6110, -40.2342,
24.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA04D
RGB	187, 160, 77
RGB Percent	73%, 63%, 30%
CMY	0.2667, 0.3725, 0.6980
CMYK	0.00, 0.14, 0.59, 0.27
HSL	45°, 45%, 52%
HSV	45°, 59%, 73%
XYZ	34.4039, 36.2422, 12.2033
YIQ	158.6110, 42.7350, -20.0890

Conversions

Conversions Part 2

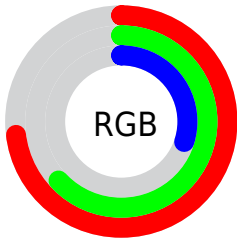
Format	Color
RYB	113, 187, 77
Decimal	12296269
CIELab	66.70, -0.15, 46.17
CIELCh	67, 46.166, 90.185
Yxy	36.2422, 0.4153, 0.4374
Android (android.graphics.Color)	4290486349 (0xFFBBA04D)
YUV	158.6110, -40.2342, 24.8972
Hunter-Lab	60.2015, -3.3437, 30.1225

Details

The YUV color **158.6110, -40.2342, 24.8972** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **105.3890, 40.2342, -24.8972**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1660, -41.9868, 27.0414**, and **106.1160, -39.4972, 21.8233** is the 20% darker color. If you saturate the color by 10%, you get **153.5100, -47.0864, 29.3707**, and if you desaturate by 10%, it is **163.7120, -33.3820, 20.4236**.

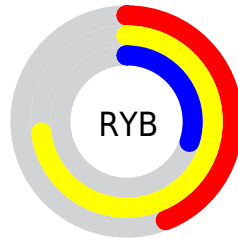
Distribution



Red (73%)

Green (63%)

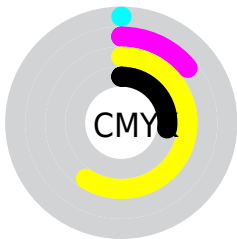
Blue (30%)



Red (44%)

Yellow (73%)

Blue (30%)

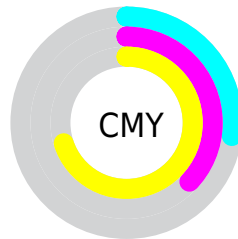


Cyan (0%)

Magenta (14%)

Yellow (59%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6110, -40.2342, 24.8972 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 158.6110, -40.2342, 24.8972 by changing the saturation by 10% instead.

■ 158.6110,
-40.2342, 24.8972

■ 158.6110,
-40.2342, 24.8972

■ 255.0000, 0.0000,
0.0000

■ 132.1270,
-39.5026, 23.5676

■ 214.1660,
-41.9868, 27.0414

■ 106.1160,
-39.4972, 21.8233

■ 236.5560,
-40.2071, 16.1754

■ 80.9910, -39.9286,
20.1789

■ 246.7920,
-31.4495, 7.1984

■ 59.7160, -29.4400,
16.0351

■ 249.9840,
-19.2191, 4.3990

■ 39.0280, -19.2408,
11.3764

■ 253.2900, -6.5520,
1.4997

■ 20.1120, -9.9152,
6.9178

■ 0.0000, 0.0000,

0.0000

■ 158.6110,
-40.2342, 24.8972

■ 158.6110,
-40.2342, 24.8972

■ 153.5100,
-47.0864, 29.3707

■ 163.7120,
-33.3820, 20.4236

■ 149.1100,
-53.7912, 33.2295

■ 168.1120,
-26.6772, 16.5648

■ 144.0090,
-60.6434, 37.7031

■ 173.2130,
-19.8250, 12.0912

■ 139.4950,
-67.7850, 41.6619

■ 177.7270,
-12.6834, 8.1324

■ 138.6800,
-68.3692, 42.3766

■ 182.8280, -5.8312,
3.6588

■ 187.8150, 0.5842,
-0.7148

■ 192.3290, 7.7258,
-4.6735

■ 197.4300, 14.5780,
-9.1471

■ 201.8300, 21.2828,
-13.0059

Harmonies

Analogous

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



161.2690, -34.6426, 51.5071



158.6110, -40.2342, 24.8972



154.3510, -32.7110, -8.2008

Triad

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



158.6110, -40.2342, 24.8972



130.5630, 35.7114, -114.5038



167.0740, 18.2045, 41.1541

Complementary

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



158.6110, -40.2342, 24.8972



105.3890, 40.2342, -24.8972

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.



164.9470, 34.0431, 0.9235



158.6110, -40.2342, 24.8972



130.4610, 50.5517, -114.4143

Square

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



158.6110, -40.2342, 24.8972



125.7750, 17.3659, -110.3047



152.5810, 45.5626, -54.0065



164.9940, -0.4900, 64.0263

Rectangle

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



158.6110, -40.2342, 24.8972



149.8730, -21.1364, -34.0916



152.5810, 45.5626, -54.0065



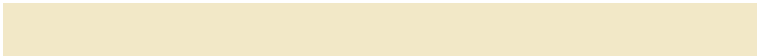
167.1910, 24.0628, 28.7735

Sweetspot

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



158.6110, -40.2342, 24.8972



231.2280, -15.8884, 9.4470



113.0820, -3.9844, 64.8261



115.4000, -10.0572, 5.7882



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



158.6110, -40.2342, 24.8972



197.7380, -62.9748, 38.8178



166.0880, -43.9204, -6.2162



91.8000, -3.3524, 1.9294



117.0950, -57.7278, 35.8737



22.7700, -11.2256, 7.2177

Inverse Universe

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



105.3890, 40.2342, -24.8972



114.2620, 62.9748, -38.8178



97.9120, 43.9204, 6.2162



87.2000, 3.3524, -1.9294



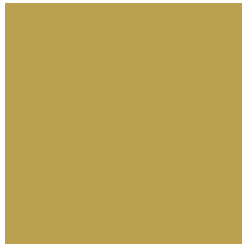
40.9050, 57.7278, -35.8737



8.2300, 11.2256, -7.2177

Previews

White Background



This preview shows how the YUV color 158.6110, -40.2342, 24.8972 looks on a white background.

Color Contrast Check

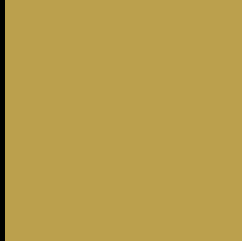
Large Text (above 18pt) WCAG AA × Fail

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 158.6110, -40.2342, 24.8972 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 158.6110, -40.2342, 24.8972

Background



This preview shows how black text looks on a background with the YUV color 158.6110, -40.2342, 24.8972.



This preview shows how white text looks on a background with the YUV color 158.6110, -40.2342, 24.8972.

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

158.6110, -40.2342, 24.8972

Protanopia

158.3930, -39.6337, 18.9493

Deuteranopia

159.6770, -40.2668, 35.3633



Tritanopia

165.1110, -1.5337, 25.3357

Trichromacy



Original Color

158.6110, -40.2342, 24.8972

Protanomaly

158.7030, -39.7866, 21.3085

Deuteranomaly

159.3560, -40.1085, 31.2598

Tritanomaly

162.4410, -15.5004, 25.0462

Monochromacy



Original Color

158.6110, -40.2342, 24.8972

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.5700, -14.5780, 9.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6110, -40.2342, 24.8972 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(187, 160, 77)` looks like.

```
.text, #text, p{  
    color:rgb(187, 160, 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(187, 160, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 160, 77) }
```

Border

The CSS property to change the border of an element to YUV 158.6110, -40.2342, 24.8972 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(187, 160, 77) }
```


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

```
.border{ border-color:rgb(187, 160, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 160, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 160, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 160, 77);  
box-shadow:4px 4px 4px 4px rgb(187, 160,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 158.6110, -40.2342, 24.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 160, 77) }
```

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

```
.background{ background-color: rgb(187,  
160, 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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