

Converting Colors

YUV(168.0100, -41.9099,
49.1032)

Have a look what the booklet for
YUV(168.0100, -41.9099, 49.1032)
contains.

YUV(168.0100, -41.9099, 49.1032)	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(168.0100, -41.9099,
49.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	E09C53
RGB	224, 156, 83
RGB Percent	88%, 61%, 33%
CMY	0.1216, 0.3882, 0.6745
CMYK	0.00, 0.30, 0.63, 0.12
HSL	31°, 69%, 60%
HSV	31°, 63%, 88%
XYZ	44.1903, 40.2488, 13.6233
YIQ	168.0100, 63.9610, -8.2870

Conversions

Conversions Part 2

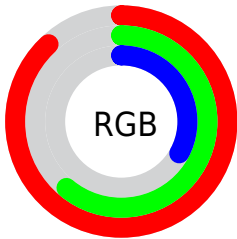
Format	Color
RYB	214, 224, 83
Decimal	14720083
CIELab	69.65, 18.18, 47.63
CIELCh	70, 50.986, 69.109
Yxy	40.2488, 0.4506, 0.4104
Android (android.graphics.Color)	4292910163 (0xFFE09C53)
YUV	168.0100, -41.9099, 49.1032
Hunter-Lab	63.4419, 13.3103, 31.6776

Details

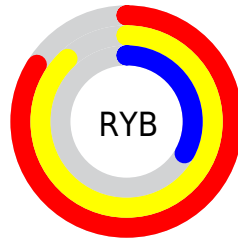
The YUV color **168.0100, -41.9099, 49.1032** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **138.9900, 41.9099, -49.1032**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4920, -39.6826, 34.6485**, and **114.7320, -40.2939, 44.0850** is the 20% darker color. If you saturate the color by 10%, you get **159.0450, -48.3362, 56.9655**, and if you desaturate by 10%, it is **176.9750, -35.4837, 41.2409**.

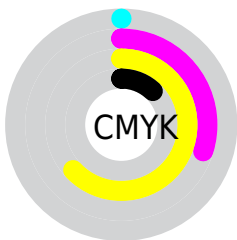
Distribution



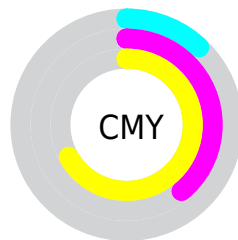
- Red (88%)
- Green (61%)
- Blue (33%)



- Red (84%)
- Yellow (88%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0100, -41.9099, 49.1032 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 168.0100, -41.9099, 49.1032 by changing the saturation by 10% instead.

168.0100,
-41.9099, 49.1032

168.0100,
-41.9099, 49.1032

255.0000, 0.0000,
0.0000

140.9280,
-40.8835, 46.5441

215.4920,
-39.6826, 34.6485

114.7320,
-40.2939, 44.0850

235.0060,
-35.9920, 17.5347

87.9660, -41.8882,
42.1258

247.4760,
-28.8287, 6.5985

65.7510, -32.4152,
37.0524

250.6680,
-16.5983, 3.7992

44.4650, -21.9212,
31.1642

253.9740, -3.9312,
0.8998

24.0650, -11.8640,
25.3760

9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 168.0100,
-41.9099, 49.1032

■ 168.0100,
-41.9099, 49.1032

■ 159.0450,
-48.3362, 56.9655

■ 176.9750,
-35.4837, 41.2409

■ 149.9660,
-55.1992, 64.9278

■ 186.0540,
-28.6206, 33.2786

■ 141.5880,
-61.9149, 72.2753

■ 194.4320,
-21.9050, 25.9311

■ 135.0680,
-66.5885, 77.9934

■ 203.5110,
-15.0419, 17.9689

■ 212.4760, -8.6157,
10.1065

■ 221.4410, -2.1894,
2.2442

■ 230.5200, 4.6736,
-5.7180

■ 238.1000, 8.3317,
-12.3657

■ 244.5570, 5.1484,
-18.0285

Harmonies

Analogous

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



169.9260, -27.5715, 70.2249



168.0100, -41.9099, 49.1032



164.5300, -44.1383, 17.0752

Triad

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



168.0100, -41.9099, 49.1032



134.7400, 23.7922, -118.1670



174.2200, 33.4155, 15.5931

Complementary

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



168.0100, -41.9099, 49.1032



138.9900, 41.9099, -49.1032

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.



163.8430, 44.9404, -41.0813



168.0100, -41.9099, 49.1032



137.9950, 43.8795, -121.0216

Square

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



168.0100, -41.9099, 49.1032



147.0560, -5.4506, -71.9631



137.0780, 58.1355, -120.2174



174.2500, 14.6668, 55.9088

Rectangle

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



168.0100, -41.9099, 49.1032



161.4990, -37.2210, -8.3306



137.0780, 58.1355, -120.2174



173.0760, 38.4165, -1.8207

Sweetspot

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



168.0100, -41.9099, 49.1032



236.0270, -14.3103, 16.6393



132.9110, 8.9179, 79.8851



115.7750, -8.7631, 10.7213



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.



168.0100, -41.9099, 49.1032



178.2930, -57.8254, 67.2720



207.3280, -61.2937, 12.8673



107.8110, -3.3578, 3.6738



106.0410, -52.2782, 61.3540



29.0270, -14.3103, 16.6393

Inverse Universe

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



138.9900, 41.9099, -49.1032



138.2940, 57.5361, -67.7868



99.6720, 61.2937, -12.8673



105.1890, 3.3578, -3.6738



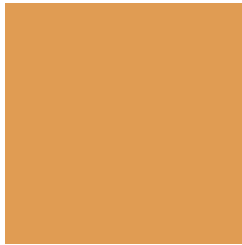
69.9590, 52.2782, -61.3540



18.9730, 14.3103, -16.6393

Previews

White Background



This preview shows how the YUV color 168.0100, -41.9099, 49.1032 looks on a white background.

Color Contrast Check

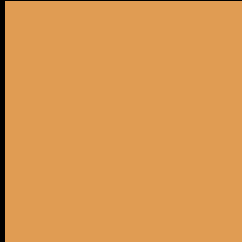
Large Text (above 18pt) WCAG AA × Fail

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 168.0100, -41.9099, 49.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

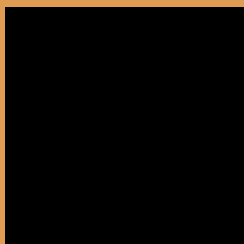
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.0100, -41.9099, 49.1032

Background



This preview shows how black text looks on a background with the YUV color 168.0100, -41.9099, 49.1032.



This preview shows how white text looks on a background with the YUV color 168.0100, -41.9099, 49.1032.

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

168.0100, -41.9099, 49.1032

Protanopia

166.6210, -38.7602, 18.7494

Deuteranopia

167.1180, -42.4562, 37.6075



Tritanopia

172.8860, -6.8458, 49.2120

Trichromacy



Original Color

168.0100, -41.9099, 49.1032

Protanomaly

167.3450, -40.1031, 29.5154

Deuteranomaly

167.5530, -42.1776, 41.6110

Tritanomaly

170.8570, -19.6495, 49.2374

Monochromacy



Original Color

168.0100, -41.9099, 49.1032

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0980, -15.3313, 17.4541

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0100, -41.9099, 49.1032 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(224, 156, 83)` looks like.

```
.text, #text, p{  
    color:rgb(224, 156, 83)  
}
```

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(224, 156, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 156, 83) }
```

Border

The CSS property to change the border of an element to YUV 168.0100, -41.9099, 49.1032 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(224, 156, 83) }
```


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

```
.border{ border-color:rgb(224, 156, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 156, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 156, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 156, 83);  
box-shadow:4px 4px 4px 4px rgb(224, 156,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 168.0100, -41.9099, 49.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 156, 83) }
```

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

```
.background{ background-color: rgb(224,  
156, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor