

Converting Colors

YUV(168.2940, -69.6579,
35.6992)

Have a look what the booklet for
YUV(168.2940, -69.6579, 35.6992)
contains.

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Color

**YUV(168.2940, -69.6579,
35.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AF1B
RGB	209, 175, 27
RGB Percent	82%, 69%, 11%
CMY	0.1804, 0.3137, 0.8941
CMYK	0.00, 0.16, 0.87, 0.18
HSL	49°, 77%, 46%
HSV	49°, 87%, 82%
XYZ	41.8223, 44.2944, 7.3823
YIQ	168.2940, 67.7720, -38.8200

Conversions

Conversions Part 2

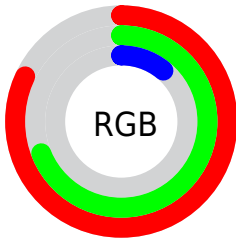
Format	Color
RYB	69, 209, 27
Decimal	13741851
CIELab	72.42, -0.84, 70.90
CIELCh	72, 70.908, 90.680
Yxy	44.2944, 0.4473, 0.4737
Android (android.graphics.Color)	4291931931 (0xFFD1AF1B)
YUV	168.2940, -69.6579, 35.6992
Hunter-Lab	66.5540, -4.3008, 40.0113

Details

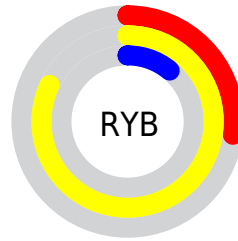
The YUV color **168.2940, -69.6579, 35.6992** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **67.7060, 69.6579, -35.6992**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5150, -64.8369, 29.3663**, and **117.0510, -57.7061, 28.8963** is the 20% darker color. If you saturate the color by 10%, you get **163.5520, -77.6731, 39.8579**, and if you desaturate by 10%, it is **173.0360, -61.6427, 31.5404**.

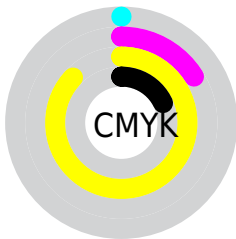
Distribution



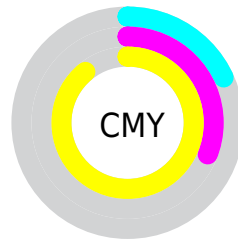
- Red (82%)
- Green (69%)
- Blue (11%)



- Red (27%)
- Yellow (82%)
- Blue (11%)



- Cyan (0%)
- Magenta (16%)
- Yellow (87%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2940, -69.6579, 35.6992 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 168.2940, -69.6579, 35.6992 by changing the saturation by 10% instead.

■ 168.2940,
-69.6579, 35.6992

■ 168.2940,
-69.6579, 35.6992

■ 255.0000, 0.0000,
0.0000

■ 140.9840,
-69.5051, 33.3400

■ 221.5150,
-64.8369, 29.3663

■ 117.0510,
-57.7061, 28.8963

■ 239.3820,
-59.8413, 13.6970

■ 93.7050, -46.1966,
23.9377

■ 242.4600,
-48.0478, 10.9976

■ 71.8320, -35.4132,
18.5643

■ 245.7660,
-35.3806, 8.0982

■ 50.8450, -25.0666,
13.2909

■ 249.0720,
-22.7135, 5.1989

■ 31.0430, -15.3042,
8.7323

■ 252.3780,

■ 8.5720, -4.2260,

-10.0464, 2.2995

2.1294

■ 0.0000, 0.0000,
0.0000

■ 168.2940,
-69.6579, 35.6992

■ 168.2940,
-69.6579, 35.6992

■ 163.5520,
-77.6731, 39.8579

■ 173.0360,
-61.6427, 31.5404

■ 162.2810,
-80.0045, 40.9726

■ 177.7780,
-53.6276, 27.3817

■ 182.5200,
-45.6124, 23.2230

■ 187.2620,
-37.5972, 19.0642

■ 192.0040,
-29.5820, 14.9055

■ 196.0450,
-21.7142, 11.3615

■ 200.7870,
-13.6990, 7.2028

■ 205.5290, -5.6838,
3.0441

■ 210.2710, 2.3314,
-1.1147

Harmonies

Analogous

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



171.2490, -54.3528, 73.4496



168.2940, -69.6579, 35.6992



162.5030, -53.4920, -16.2271

Triad

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



168.2940, -69.6579, 35.6992



149.0970, 45.8012, -130.7581



180.7300, 30.2061, 65.1348

Complementary

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



168.2940, -69.6579, 35.6992



67.7060, 69.6579, -35.6992

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.



176.5110, 38.6951, 2.1829



168.2940, -69.6579, 35.6992



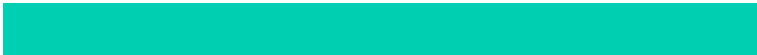
146.4700, 53.5053, -128.4542

Square

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



168.2940, -69.6579, 35.6992



142.2740, 17.1199, -124.7743



137.6650, 57.8462, -120.7322



164.1560, 7.3181, 79.6702

Rectangle

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



168.2940, -69.6579, 35.6992



153.6620, -31.3854, -60.2166



137.6650, 57.8462, -120.7322



181.8140, 36.0807, 47.5211

Sweetspot

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



168.2940, -69.6579, 35.6992



240.4320, -25.3560, 12.7761



85.5220, -11.1033, 108.2902



118.7440, -15.1568, 8.1175



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.



168.2940, -69.6579, 35.6992



197.7540, -97.4927, 50.2047



171.8070, -71.3899, -15.6167



102.5720, -4.2260, 2.1294



130.6510, -64.4109, 32.7551



31.6300, -15.5936, 8.2175

Inverse Universe

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



67.7060, 69.6579, -35.6992



57.2460, 97.4927, -50.2047



64.1930, 71.3899, 15.6167



96.4280, 4.2260, -2.1294



37.3490, 64.4109, -32.7551



9.3700, 15.5936, -8.2175

Previews

White Background



This preview shows how the YUV color 168.2940, -69.6579, 35.6992 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 168.2940, -69.6579, 35.6992 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 168.2940, -69.6579, 35.6992 Background



This preview shows how black text looks on a background with the YUV color 168.2940, -69.6579, 35.6992.



This preview shows how white text looks on a background with the YUV color 168.2940, -69.6579,

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

168.2940, -69.6579, 35.6992

Protanopia

167.4780, -68.7627, 28.5218

Deuteranopia

169.8270, -67.9487, 47.5097



Tritanopia

180.8130, -2.8658, 32.6130

Trichromacy



Original Color

168.2940, -69.6579, 35.6992

Protanomaly

167.7880, -68.9155, 30.8809

Deuteranomaly

169.2780, -68.6641, 43.6062

Tritanomaly

176.1080, -27.1682, 34.1083

Monochromacy



Original Color

168.2940, -69.6579, 35.6992

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.4320, -25.3560, 12.7761

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2940, -69.6579, 35.6992 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(209, 175, 27)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 27)  
}
```

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(209, 175, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 27) }
```

Border

The CSS property to change the border of an element to YUV 168.2940, -69.6579, 35.6992 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(209, 175, 27) }
```


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

```
.border{ border-color:rgb(209, 175, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 27);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 168.2940, -69.6579, 35.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 27) }
```

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

```
.background{ background-color: rgb(209,  
175, 27) }
```

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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