

Converting Colors

YUV(146.4960, -69.2645,
49.5540)

Have a look what the booklet for
YUV(146.4960, -69.2645, 49.5540)
contains.

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Color

**YUV(146.4960, -69.2645,
49.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9106
RGB	203, 145, 6
RGB Percent	80%, 57%, 2%
CMY	0.2039, 0.4314, 0.9765
CMYK	0.00, 0.29, 0.97, 0.20
HSL	42°, 94%, 41%
HSV	42°, 97%, 80%
XYZ	34.7869, 32.9605, 4.7008
YIQ	146.4960, 79.1870, -30.9330

Conversions

Conversions Part 2

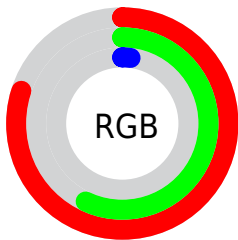
Format	Color
RYB	88, 203, 6
Decimal	13340934
CIELab	64.13, 12.27, 67.99
CIELCh	64, 69.090, 79.770
Yxy	32.9605, 0.4802, 0.4550
Android (android.graphics.Color)	4291531014 (0xFFCB9106)
YUV	146.4960, -69.2645, 49.5540
Hunter-Lab	57.4112, 7.6880, 35.3332

Details

The YUV color **146.4960, -69.2645, 49.5540** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **62.5040, 69.2645, -49.5540**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6080, -62.4177, 46.8248**, and **98.5220, -48.5713, 39.0072** is the 20% darker color. If you saturate the color by 10%, you get **144.6380, -71.3065, 51.1835**, and if you desaturate by 10%, it is **152.2980, -62.2649, 44.4657**.

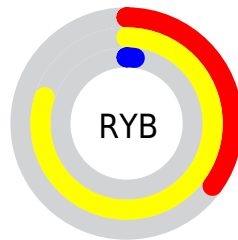
Distribution



Red (80%)

Green (57%)

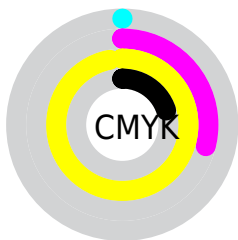
Blue (2%)



Red (35%)

Yellow (80%)

Blue (2%)

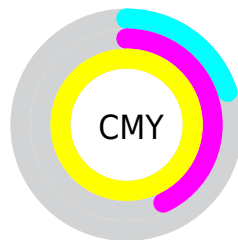


Cyan (0%)

Magenta (29%)

Yellow (97%)

Black (20%)



Cyan (20%)

Magenta (43%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.4960, -69.2645, 49.5540 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 146.4960, -69.2645, 49.5540 by changing the saturation by 10% instead.

■ 146.4960,
-69.2645, 49.5540

■ 146.4960,
-69.2645, 49.5540

■ 255.0000, 0.0000,
0.0000

■ 121.5800,
-59.9389, 45.0953

■ 201.6080,
-62.4177, 46.8248

■ 98.5220, -48.5713,
39.0072

■ 221.2360,
-58.2903, 29.6110

■ 75.7630, -37.3512,
33.5338

■ 240.7500,
-54.5998, 12.4972

■ 54.4770, -26.8572,
27.6457

■ 243.9420,
-42.3694, 9.6979

■ 34.0770, -16.8000,
21.8575

■ 247.1340,
-30.1391, 6.8985

■ 13.4000, -6.6062,
18.9432

■ 250.4400,

■ 0.0000, 0.0000,

-17.4719, 3.9991

0.0000

253.7460, -4.8048,
1.0998

146.4960,
-69.2645, 49.5540

146.4960,
-69.2645, 49.5540

144.6380,
-71.3065, 51.1835

152.2980,
-62.2649, 44.4657

158.2140,
-54.8285, 39.2773

164.0160,
-47.8289, 34.1890

169.8180,
-40.8293, 29.1006

175.7340,
-33.3929, 23.9123

■ 181.5360,
-26.3932, 18.8239

■ 187.3380,
-19.3936, 13.7356

■ 193.1400,
-12.3940, 8.6472

■ 199.0560, -4.9576,
3.4589

Harmonies

Analogous

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



150.1760, -43.4708, 83.1606



146.4960, -69.2645, 49.5540



141.6490, -64.9030, 3.8158

Triad

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



146.4960, -69.2645, 49.5540



130.2380, 31.9277, -114.2187



159.5360, 37.6968, 42.5029

Complementary

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



146.4960, -69.2645, 49.5540



62.5040, 69.2645, -49.5540

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.



149.1350, 52.1914, -33.4444



146.4960, -69.2645, 49.5540



134.0460, 56.6723, -117.5583

Square

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



146.4960, -69.2645, 49.5540



122.3550, 4.2620, -107.3053



128.2730, 62.4764, -112.4954



153.0030, 12.8165, 89.4514

Rectangle

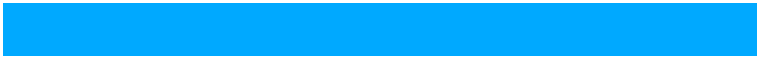
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



146.4960, -69.2645, 49.5540



136.9660, -42.3812, -33.2962



128.2730, 62.4764, -112.4954



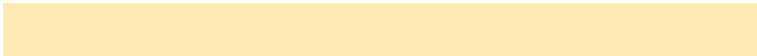
159.6410, 45.0400, 20.4858

Sweetspot

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



146.4960, -69.2645, 49.5540



233.6500, -25.9564, 18.7240



71.6290, -3.2681, 115.2124



114.6520, -15.6044, 11.7062



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.



146.4960, -69.2645, 49.5540



181.9050, -89.6792, 64.1043



168.8810, -80.3003, -4.2806



99.0990, -3.4998, 2.5442



118.3130, -58.3283, 41.8215



27.2110, -13.4150, 9.4620

Inverse Universe

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



62.5040, 69.2645, -49.5540



73.0950, 89.6792, -64.1043



40.1190, 80.3003, 4.2806



94.9010, 3.4998, -2.5442



47.6870, 58.3283, -41.8215



10.7890, 13.4150, -9.4620

Previews

White Background



This preview shows how the YUV color 146.4960, -69.2645, 49.5540 looks on a white background.

Color Contrast Check

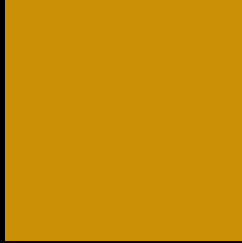
Large Text (above 18pt) WCAG AA × Fail

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 146.4960, -69.2645, 49.5540 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 146.4960, -69.2645, 49.5540

Background



This preview shows how black text looks on a background with the YUV color 146.4960, -69.2645, 49.5540.



This preview shows how white text looks on a background with the YUV color 146.4960, -69.2645,

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

146.4960, -69.2645, 49.5540

Protanopia

145.6780, -65.4103, 26.5924

Deuteranopia

145.7790, -71.8690, 44.9208



Tritanopia

158.5650, -6.6875, 45.1085

Trichromacy



Original Color

146.4960, -69.2645, 49.5540

Protanomaly

145.9780, -67.0372, 35.0993

Deuteranomaly

146.0180, -71.0009, 46.4652

Tritanomaly

154.2020, -29.6796, 46.3038

Monochromacy



Original Color

146.4960, -69.2645, 49.5540

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.4650, -25.3722, 18.0092

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.4960, -69.2645, 49.5540 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(203, 145, 6)` looks like.

```
.text, #text, p{  
    color:rgb(203, 145, 6)  
}
```

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(203, 145, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 145, 6) }
```

Border

The CSS property to change the border of an element to YUV 146.4960, -69.2645, 49.5540 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(203, 145, 6) }
```


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

```
.border{ border-color:rgb(203, 145, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 145, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 145, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 145, 6);  
box-shadow:4px 4px 4px 4px rgb(203, 145,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 146.4960, -69.2645, 49.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 145, 6) }
```

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

```
.background{ background-color: rgb(203,  
145, 6) }
```

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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