

Converting Colors

YUV(148.1210, -70.5587,
44.6209)

Have a look what the booklet for
YUV(148.1210, -70.5587, 44.6209)
contains.

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Color

**YUV(148.1210, -70.5587,
44.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	C79605
RGB	199, 150, 5
RGB Percent	78%, 59%, 2%
CMY	0.2196, 0.4118, 0.9804
CMYK	0.00, 0.25, 0.97, 0.22
HSL	45°, 95%, 40%
HSV	45°, 97%, 78%
XYZ	34.4869, 33.9658, 4.8820
YIQ	148.1210, 75.7490, -34.7070

Conversions

Conversions Part 2

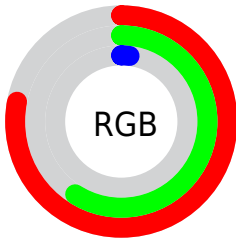
Format	Color
R_{YB}	71, 199, 5
Decimal	13080069
CIE Lab	64.94, 7.76, 68.49
CIE LCh	65, 68.931, 83.534
Yxy	33.9658, 0.4703, 0.4632
Android (android.graphics.Color)	4291270149 (0xFFC79605)
YUV	148.1210, -70.5587, 44.6209
Hunter-Lab	58.2802, 3.6360, 35.8295

Details

The YUV color **148.1210, -70.5587, 44.6209** 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 **55.8790, 70.5587, -44.6209**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6570, -63.4279, 44.1508**, and **100.5600, -49.5761, 34.5889** is the 20% darker color. If you saturate the color by 10%, you get **146.9640, -72.4533, 45.6356**, and if you desaturate by 10%, it is **153.3360, -63.2696, 40.0473**.

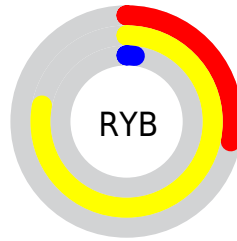
Distribution



Red (78%)

Green (59%)

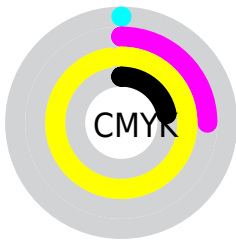
Blue (2%)



Red (28%)

Yellow (78%)

Blue (2%)

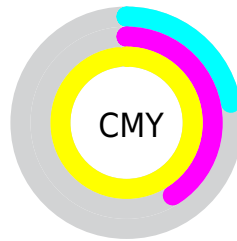


Cyan (0%)

Magenta (25%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (41%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1210, -70.5587, 44.6209 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 148.1210, -70.5587, 44.6209 by changing the saturation by 10% instead.

■ 148.1210,
-70.5587, 44.6209

■ 148.1210,
-70.5587, 44.6209

■ 255.0000, 0.0000,
0.0000

■ 123.3190,
-60.7963, 40.0622

■ 204.6570,
-63.4279, 44.1508

■ 100.5600,
-49.5761, 34.5889

■ 224.1710,
-59.7373, 27.0370

■ 77.8010, -38.3559,
29.1155

■ 240.8640,
-54.1630, 12.3973

■ 56.5150, -27.8619,
23.2273

■ 244.0560,
-41.9326, 9.5979

■ 36.1150, -17.8047,
17.4391

■ 247.2480,
-29.7023, 6.7985

■ 16.0250, -7.9003,
14.0101

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

148.1210,
-70.5587, 44.6209

148.1210,
-70.5587, 44.6209

146.9640,
-72.4533, 45.6356

153.3360,
-63.2696, 40.0473

158.5510,
-55.9806, 35.4738

163.7660,
-48.6916, 30.9002

168.9810,
-41.4026, 26.3267

174.1960,
-34.1136, 21.7531

■ 179.2970,
-27.2614, 17.2795

■ 184.5120,
-19.9724, 12.7060

■ 189.7270,
-12.6834, 8.1324

■ 194.9420, -5.3944,
3.5589

Harmonies

Analogous

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



152.5300, -47.0963, 79.3422



148.1210, -70.5587, 44.6209



143.9840, -59.6451, -2.6170

Triad

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



148.1210, -70.5587, 44.6209



132.5520, 35.7169, -116.2481



161.7820, 34.6175, 50.1802

Complementary

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



148.1210, -70.5587, 44.6209



55.8790, 70.5587, -44.6209

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.



154.5280, 49.5327, -20.6341



148.1210, -70.5587, 44.6209



135.3170, 59.0037, -118.6730

Square

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



148.1210, -70.5587, 44.6209



124.7830, 8.4880, -109.4347



128.2730, 62.4764, -112.4954



153.0200, 10.3431, 89.4365

Rectangle

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



148.1210, -70.5587, 44.6209



137.9480, -38.4284, -41.1734



128.2730, 62.4764, -112.4954



162.0120, 42.3921, 29.8075

Sweetspot

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



148.1210, -70.5587, 44.6209



235.4110, -26.8246, 17.1796



68.9340, -5.8835, 114.0679



115.8260, -16.1832, 10.6766



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.



148.1210, -70.5587, 44.6209



188.3620, -92.8625, 58.4415



163.4290, -78.1055, -8.2692



96.8000, -3.3524, 1.9294



120.3510, -59.3330, 37.4032



26.6130, -13.1202, 8.2324

Inverse Universe

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



55.8790, 70.5587, -44.6209



66.6380, 92.8625, -58.4415



40.5710, 78.1055, 8.2692



92.2000, 3.3524, -1.9294



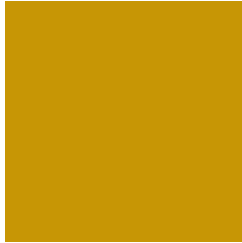
42.6490, 59.3330, -37.4032



9.3870, 13.1202, -8.2324

Previews

White Background



This preview shows how the YUV color 148.1210, -70.5587, 44.6209 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 148.1210, -70.5587, 44.6209 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 148.1210, -70.5587, 44.6209

Background



This preview shows how black text looks on a background with the YUV color 148.1210, -70.5587, 44.6209.



This preview shows how white text looks on a background with the YUV color 148.1210, -70.5587, 44.6209.

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

148.1210, -70.5587, 44.6209

Protanopia

147.3360, -66.7206, 26.8923

Deuteranopia

148.5340, -70.2693, 45.1357



Tritanopia

160.2870, -5.0715, 40.0903

Trichromacy



Original Color

148.1210, -70.5587, 44.6209

Protanomaly

147.6250, -68.3421, 33.6549

Deuteranomaly

148.5340, -70.2693, 45.1357

Tritanomaly

155.6960, -28.9371, 41.4856

Monochromacy



Original Color

148.1210, -70.5587, 44.6209

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.3400, -25.8036, 16.3648

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1210, -70.5587, 44.6209 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(199, 150, 5)` looks like.

```
.text, #text, p{  
    color:rgb(199, 150, 5)  
}
```

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(199, 150, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 150, 5) }
```

Border

The CSS property to change the border of an element to YUV 148.1210, -70.5587, 44.6209 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(199, 150, 5) }
```


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

```
.border{ border-color:rgb(199, 150, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 150, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 150, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 150, 5);  
box-shadow:4px 4px 4px 4px rgb(199, 150,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 148.1210, -70.5587, 44.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 150, 5) }
```

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

```
.background{ background-color: rgb(199,  
150, 5) }
```

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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