

Converting Colors

YUV(140.5180, -69.2754,
53.0427)

Have a look what the booklet for
YUV(140.5180, -69.2754, 53.0427)
contains.

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Color

**YUV(140.5180, -69.2754,
53.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	C98900
RGB	201, 137, 0
RGB Percent	79%, 54%, 0%
CMY	0.2118, 0.4627, 1.0000
CMYK	0.00, 0.32, 1.00, 0.21
HSL	41°, 100%, 39%
HSV	41°, 100%, 79%
XYZ	33.0331, 30.3088, 4.1092
YIQ	140.5180, 82.1210, -29.0390

Conversions

Conversions Part 2

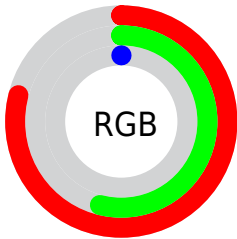
Format	Color
R _Y B	94, 201, 0
Decimal	13207808
CIE Lab	61.92, 15.68, 67.26
CIE LCh	62, 69.062, 76.879
Yxy	30.3088, 0.4897, 0.4493
Android (android.graphics.Color)	4291397888 (0xFFC98900)
YUV	140.5180, -69.2754, 53.0427
Hunter-Lab	55.0535, 10.7596, 34.1120

Details

The YUV color **140.5180, -69.2754, 53.0427** 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 **60.4820, 69.2754, -53.0427**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8690, -61.5604, 51.8579**, and **93.2280, -45.9614, 41.8960** is the 20% darker color. If you saturate the color by 10%, you get **140.5180, -69.2754, 53.0427**, and if you desaturate by 10%, it is **146.3200, -62.2758, 47.9544**.

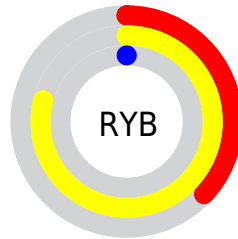
Distribution



Red (79%)

Green (54%)

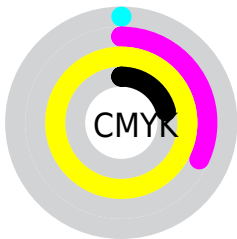
Blue (0%)



Red (37%)

Yellow (79%)

Blue (0%)

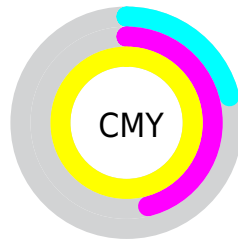


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.5180, -69.2754, 53.0427 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 140.5180, -69.2754, 53.0427 by changing the saturation by 10% instead.


 140.5180,
-69.2754, 53.0427

 140.5180,
-69.2754, 53.0427


255.0000, 0.0000,
0.0000


 116.8730,
-57.6184, 47.4694


 195.8690,
-61.5604, 51.8579


 93.2280, -45.9614,
41.8960


 215.4970,
-57.4330, 34.6441

 71.0560, -35.0306,
35.9079


 235.0110,
-53.7424, 17.5304

 49.7700, -24.5366,
30.0197

 243.4860,
-44.1166, 10.0978

 29.3700, -14.4794,
24.2315

 246.6780,
-31.8863, 7.2984

 10.1660, -5.0118,
20.9024

 249.8700,

 0.0000, 0.0000,

-19.6559, 4.4990

0.0000

■ 253.2900, -6.5520,
1.4997

■ 140.5180,
-69.2754, 53.0427

■ 146.3200,
-62.2758, 47.9544

■ 152.7090,
-55.5655, 42.3512

■ 158.5110,
-48.5659, 37.2629

■ 164.9000,
-41.8557, 31.6597

■ 170.8160,
-34.4193, 26.4714

■ 176.6180,
-27.4197, 21.3830

■ 183.0070,
-20.7095, 15.7799

■ 188.8090,
-13.7098, 10.6915

■ 195.1980, -6.9996,
5.0884

Harmonies

Analogous

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



144.1700, -41.0028, 84.9199



140.5180, -69.2754, 53.0427



135.8130, -66.9558, 8.9340

Triad

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



140.5180, -69.2754, 53.0427



125.3480, 28.4224, -109.9302



153.6600, 39.6076, 36.2552

Complementary

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



140.5180, -69.2754, 53.0427



60.4820, 69.2754, -53.0427

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.



140.4970, 56.4500, -46.0399



140.5180, -69.2754, 53.0427



129.8570, 53.3145, -113.8846

Square

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



140.5180, -69.2754, 53.0427



116.9920, 1.4829, -102.6020



125.3380, 63.9234, -109.9214



147.3770, 15.5901, 86.4924

Rectangle

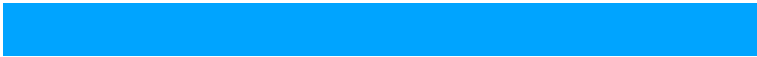
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



140.5180, -69.2754, 53.0427



132.0870, -45.8919, -27.2633



125.3380, 63.9234, -109.9214



153.3520, 46.6615, 13.7233

Sweetspot

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



140.5180, -69.2754, 53.0427



232.2480, -26.2513, 19.9535



67.7370, -0.3633, 116.8717



113.9510, -15.7518, 12.3210



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.



140.5180, -69.2754, 53.0427



178.3830, -87.9428, 67.1931



168.2190, -82.9320, -0.1921



96.2130, -3.0630, 2.4442



113.8940, -56.1497, 43.0660



24.8520, -12.2520, 9.7768

Inverse Universe

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



60.4820, 69.2754, -53.0427



76.6170, 87.9428, -67.1931



32.7810, 82.9320, 0.1921



92.7870, 3.0630, -2.4442



49.1060, 56.1497, -43.0660



10.5610, 12.5414, -9.2620

Previews

White Background



This preview shows how the YUV color 140.5180, -69.2754, 53.0427 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 140.5180, -69.2754, 53.0427 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 140.5180, -69.2754, 53.0427

Background



This preview shows how black text looks on a background with the YUV color 140.5180, -69.2754, 53.0427.



This preview shows how white text looks on a background with the YUV color 140.5180, -69.2754, 53.0427.

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



Protanopia

140.0630, -62.6421, 25.3777

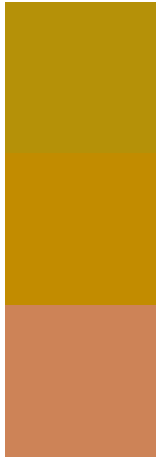
Deuteranopia

140.1640, -69.1009, 43.7062

Tritanopia

152.0600, -7.4246, 48.1824

Trichromacy



Protanomaly

140.1460, -65.1480, 35.8290

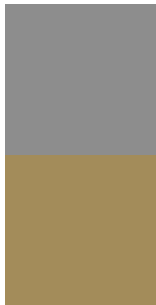
Deuteranomaly

140.1860, -69.1117, 47.1949

Tritanomaly

148.1100, -30.1272, 49.8925

Monochromacy



Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1770, -25.2303, 19.1388

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5180, -69.2754, 53.0427 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(201, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 137, 0)  
}
```

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(201, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 137, 0) }
```

Border

The CSS property to change the border of an element to YUV 140.5180, -69.2754, 53.0427 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(201, 137, 0) }
```

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

```
.border{ border-color:rgb(201, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(201, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 137,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 140.5180, -69.2754, 53.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 137, 0) }
```

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

```
.background{ background-color: rgb(201,  
137, 0) }
```

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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