

Converting Colors

YUV(77.7050, -29.4346,
14.2907)

Have a look what the booklet for
YUV(77.7050, -29.4346, 14.2907)
contains.

YUV(77.7050, -29.4346, 14.2907)	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(77.7050, -29.4346,
14.2907)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5112
RGB	94, 81, 18
RGB Percent	37%, 32%, 7%
CMY	0.6314, 0.6824, 0.9294
CMYK	0.00, 0.14, 0.81, 0.63
HSL	50°, 68%, 22%
HSV	50°, 81%, 37%
XYZ	7.6677, 8.3082, 1.7718
YIQ	77.7050, 27.9710, -16.8370

Conversions

Conversions Part 2

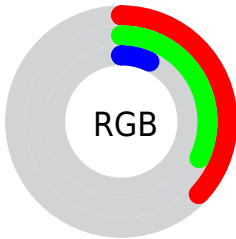
Format	Color
RYB	34, 94, 18
Decimal	6181138
CIELab	34.62, -2.13, 36.59
CIElCh	35, 36.651, 93.331
Yxy	8.3082, 0.4320, 0.4681
Android (android.graphics.Color)	4284371218 (0xFF5E5112)
YUV	77.7050, -29.4346, 14.2907
Hunter-Lab	28.8240, -2.9577, 16.5323

Details


The YUV color **77.7050, -29.4346, 14.2907** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34.2950, 29.4346, -14.2907**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7870, -30.4610, 16.8498**, and **34.8750, -17.1934, 8.0026** is the 20% darker color. If you saturate the color by 10%, you get **75.5050, -32.7870, 16.2201**, and if you desaturate by 10%, it is **79.9050, -26.0822, 12.3613**.

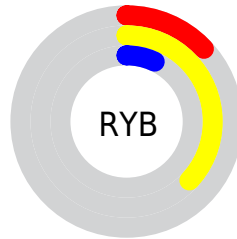
Distribution



 Red (37%)

 Green (32%)

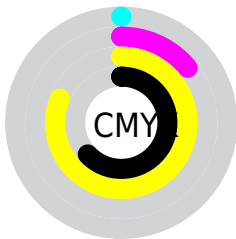
 Blue (7%)




 Red (13%)

 Yellow (37%)

 Blue (7%)

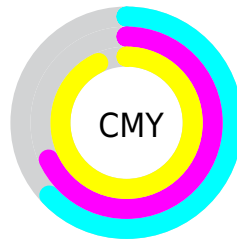



 Cyan (0%)

 Magenta (14%)

 Yellow (81%)

 Black (63%)



 Cyan (63%)

 Magenta (68%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7050, -29.4346, 14.2907 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 77.7050, -29.4346, 14.2907 by changing the saturation by 10% instead.

■ 77.7050, -29.4346,
14.2907

■ 77.7050, -29.4346,
14.2907

■ 254.7720, -0.8736,
0.2000

■ 54.6770, -26.9558,
12.5613

■ 127.7870,
-30.4610, 16.8498

■ 34.8750, -17.1934,
8.0026

■ 154.2710,
-31.1926, 18.1793

■ 14.7740, -7.2836,
2.8292

■ 181.3420,
-32.2136, 18.9941

■ 0.0000, 0.0000,
0.0000

■ 208.8260,
-32.9452, 20.3236

■ 235.8040,
-32.9344, 16.8349

■ 248.2740,

-25.7711, 5.8987

■ 251.4660,
-13.5407, 3.0993

■ 77.7050, -29.4346,
14.2907

■ 77.7050, -29.4346,
14.2907

■ 75.5050, -32.7870,
16.2201

■ 79.9050, -26.0822,
12.3613

■ 73.8920, -36.4288,
17.6347

■ 81.6320, -22.0036,
10.8467

■ 83.8320, -18.6512,
8.9173

■ 85.5590, -14.5726,
7.4028

■ 87.7590, -11.2202,
5.4734

■ 89.9590, -7.8678,
3.5440

■ 91.6860, -3.7892,
2.0294

■ 93.8860, -0.4368,
0.1000

■ 95.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



79.5640, -25.4211, 33.7084



77.7050, -29.4346, 14.2907



74.6850, -22.5227, -9.3707

Triad

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



77.7050, -29.4346, 14.2907



68.6470, 21.8660, -60.2034



83.1130, 12.2693, 31.4729

Complementary

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



77.7050, -29.4346, 14.2907



34.2950, 29.4346, -14.2907

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.



83.0970, 23.1232, 3.4229



77.7050, -29.4346, 14.2907



68.5790, 31.7596, -60.1438

Square

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



77.7050, -29.4346, 14.2907



65.9280, 8.9095, -57.8189



71.2480, 33.8947, -44.9445



80.7700, -0.8726, 46.6827

Rectangle

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



77.7050, -29.4346, 14.2907



70.4960, -12.5695, -28.4990



71.2480, 33.8947, -44.9445



84.0950, 16.2222, 23.5957

Sweetspot

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



77.7050, -29.4346, 14.2907



115.7590, -11.2202, 5.4734



42.3200, -5.0878, 45.3234



57.1870, -6.9942, 3.3440



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7050, -29.4346, 14.2907



96.8080, -45.7543, 22.0934



78.1600, -29.6589, -7.1563



44.8430, -1.8946, 1.0147



86.3070, -42.5494, 20.7788



186.5020, -91.9455, 44.2867

Inverse Universe

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



34.2950, 29.4346, -14.2907



29.1920, 45.7543, -22.0934



33.8400, 29.6589, 7.1563



42.1570, 1.8946, -1.0147



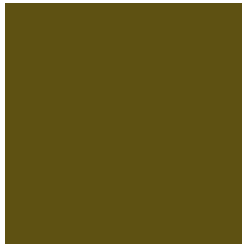
23.6930, 42.5494, -20.7788



51.0850, 91.6561, -44.8015

Previews

White Background



This preview shows how the YUV color 77.7050, -29.4346, 14.2907 looks on a white background.

Color Contrast Check

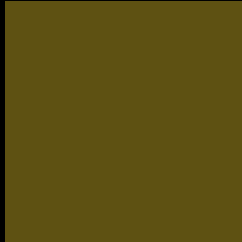
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 77.7050, -29.4346, 14.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

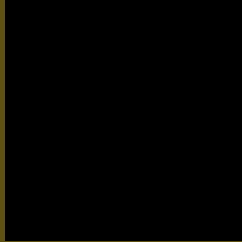
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7050, -29.4346, 14.2907

Background



This preview shows how black text looks on a background with the YUV color 77.7050, -29.4346, 14.2907.



This preview shows how white text looks on a background with the YUV color 77.7050, -29.4346,

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

77.7050, -29.4346, 14.2907

Protanopia

77.6940, -29.4291, 12.5464

Deuteranopia

78.2760, -28.7301, 21.6829



Tritanopia

82.5610, -0.7696, 13.5400

Trichromacy



Original Color

77.7050, -29.4346, 14.2907

Protanomaly

77.9930, -29.5765, 13.1611

Deuteranomaly

77.8520, -29.0140, 19.4238

Tritanomaly

80.8140, -11.2473, 14.1951

Monochromacy



Original Color

77.7050, -29.4346, 14.2907

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8730, -10.7834, 5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7050, -29.4346, 14.2907 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(94, 81, 18)` looks like.

```
.text, #text, p{  
    color:rgb(94, 81, 18)  
}
```

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(94, 81, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 81, 18) }
```

Border

The CSS property to change the border of an element to YUV 77.7050, -29.4346, 14.2907 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(94, 81, 18) }
```


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

```
.border{ border-color:rgb(94, 81, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 81, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 81, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 81, 18);  
box-shadow:4px 4px 4px 4px rgb(94, 81, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.7050, -29.4346, 14.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 81, 18) }
```

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

```
.background{ background-color: rgb(94, 81,  
18) }
```

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