

Converting Colors

YUV(49.1130, -14.3527,
77.0769)

Have a look what the booklet for
YUV(49.1130, -14.3527, 77.0769)
contains.

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Color

**YUV(49.1130, -14.3527,
77.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	890A14
RGB	137, 10, 20
RGB Percent	54%, 4%, 8%
CMY	0.4627, 0.9608, 0.9216
CMYK	0.00, 0.93, 0.85, 0.46
HSL	355°, 86%, 29%
HSV	355°, 93%, 54%
XYZ	10.5513, 5.5860, 1.1839
YIQ	49.1130, 72.4820, 30.0340

Conversions

Conversions Part 2

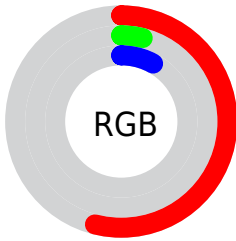
Format	Color
R_{YB}	137, 10, 20
Decimal	8981012
CIE Lab	28.34, 49.17, 32.15
CIE LCh	28, 58.745, 33.175
Yxy	5.5860, 0.6092, 0.3225
Android (android.graphics.Color)	4287171092 (0xFF890A14)
YUV	49.1130, -14.3527, 77.0769
Hunter-Lab	23.6346, 38.3282, 13.5743

Details

The YUV color **49.1130, -14.3527, 77.0769** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **97.8870, 14.3527, -77.0769**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2350, -22.7939, 77.8469**, and **23.3220, -11.4977, 47.9526** is the 20% darker color. If you saturate the color by 10%, you get **42.2170, -15.3900, 83.1247**, and if you desaturate by 10%, it is **58.8130, -12.7258, 68.5700**.

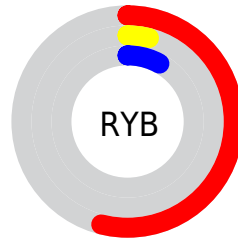
Distribution



Red (54%)

Green (4%)

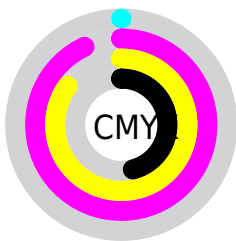
Blue (8%)



Red (54%)

Yellow (4%)

Blue (8%)

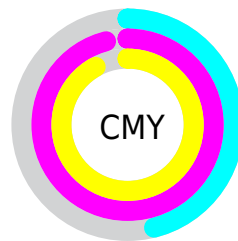


Cyan (0%)

Magenta (93%)

Yellow (85%)

Black (46%)



Cyan (46%)


Magenta (96%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YUV color 49.1130, -14.3527, 77.0769 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 49.1130, -14.3527, 77.0769 by changing the saturation by 10% instead.


 49.1130, -14.3527,
77.0769

 49.1130, -14.3527,
77.0769


 254.0880, -3.4944,
0.7998


 32.2920, -15.9200,
66.3959

 109.2350,
-22.7939, 77.8469


 23.3220, -11.4977,
47.9526


 136.7900,
-24.5465, 79.9912

 15.4770, -6.6442,
31.1537

 163.4480,
-25.8569, 80.2911


 0.0000, 0.0000,
0.0000


 182.2610,
-22.3137, 63.7921


 201.6610,
-19.0599, 46.7783


 221.8760,


-15.2219, 29.0497


 241.9770,
-11.8207, 11.4212


 49.1130, -14.3527,
77.0769


 49.1130, -14.3527,
77.0769


 42.2170, -15.3900,
83.1247

 58.8130, -12.7258,
68.5700

 67.8120, -11.2463,
60.6779

 77.5120, -9.6194,
52.1710

 87.0980, -8.4293,
43.7641

 96.2110, -6.5130,
35.7720

■ 105.9110, -4.8861,
27.2651

■ 115.4970, -3.6960,
18.8581

■ 125.1970, -2.0691,
10.3512

■ 134.3100, -0.1528,
2.3591

Harmonies

Analogous

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



49.7540, 7.0233, 80.8997



49.1130, -14.3527, 77.0769



61.6750, -30.4058, 45.8890

Triad

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



49.1130, -14.3527, 77.0769



51.1150, -14.8467, -44.8279



60.3900, 48.6147, -52.9620

Complementary

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



49.1130, -14.3527, 77.0769



97.8870, 14.3527, -77.0769

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.



65.1200, 41.3528, -57.1102



49.1130, -14.3527, 77.0769



57.9890, 6.4144, -50.8564

Square

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



49.1130, -14.3527, 77.0769



54.1690, -26.7053, -21.1962



63.1190, 26.0703, -55.3554



66.6740, 38.1217, -0.5911

Rectangle

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



49.1130, -14.3527, 77.0769



63.6030, -31.3563, 24.0272



63.1190, 26.0703, -55.3554



62.6240, 47.0204, -54.9212

Sweetspot

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



49.1130, -14.3527, 77.0769



144.2920, -6.0600, 30.4389



59.1620, 38.3741, 58.6169



68.1980, -3.5486, 18.2434



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



49.1130, -14.3527, 77.0769



55.1170, -20.2707, 108.6454



79.0840, -34.0584, 50.7923



64.2070, -0.5951, 4.2035



40.9070, -15.2372, 80.7656



1.4950, -0.7370, 3.0739

Inverse Universe

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



49.1130, -14.3527, 77.0769



55.1170, -20.2707, 108.6454



67.9160, 34.0584, -50.7923



64.2070, -0.5951, 4.2035



40.9070, -15.2372, 80.7656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 49.1130, -14.3527, 77.0769 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

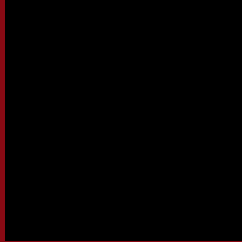
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1130, -14.3527, 77.0769

Background



This preview shows how black text looks on a background with the YUV color 49.1130, -14.3527, 77.0769.



This preview shows how white text looks on a background with the YUV color 49.1130, -14.3527,

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

49.1130, -14.3527, 77.0769

Protanopia

67.8750, -17.1934, 8.0026

Deuteranopia

65.0540, -32.0716, 20.1236



Tritanopia

49.1640, -21.7729, 77.0322

Trichromacy



Original Color

49.1130, -14.3527, 77.0769

Protanomaly

60.9690, -16.2537, 33.3532

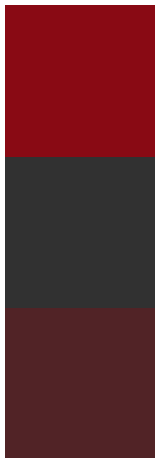
Deuteranomaly

59.4940, -25.8795, 40.7858

Tritanomaly

49.1470, -19.2995, 77.0471

Monochromacy



Original Color

49.1130, -14.3527, 77.0769

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0960, -5.4703, 27.9798

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1130, -14.3527, 77.0769 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(137, 10, 20)` looks like.

```
.text, #text, p{  
    color:rgb(137, 10, 20)  
}
```

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(137, 10, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 10, 20) }
```

Border

The CSS property to change the border of an element to YUV 49.1130, -14.3527, 77.0769 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(137, 10, 20) }
```


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

```
.border{ border-color:rgb(137, 10, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 10, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 10, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 10, 20);  
box-shadow:4px 4px 4px 4px rgb(137, 10,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 49.1130, -14.3527, 77.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 10, 20) }
```

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

```
.background{ background-color: rgb(137, 10,  
20) }
```

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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