

Converting Colors

YUV(89.5700, -14.5780, 9.1471)

Have a look what the booklet for
YUV(89.5700, -14.5780, 9.1471)
contains.

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Color

**YUV(89.5700, -14.5780,
9.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	645A3C
RGB	100, 90, 60
RGB Percent	39%, 35%, 24%
CMY	0.6078, 0.6471, 0.7647
CMYK	0.00, 0.10, 0.40, 0.61
HSL	45°, 25%, 31%
HSV	45°, 40%, 39%
XYZ	9.7273, 10.3479, 5.7596
YIQ	89.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

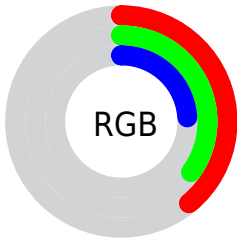
Format	Color
R_{YB}	73, 100, 60
Decimal	6576700
CIE Lab	38.46, -0.86, 18.82
CIE LCh	38, 18.839, 92.625
Yxy	10.3479, 0.3765, 0.4005
Android (android.graphics.Color)	4284766780 (0xFF645A3C)
YUV	89.5700, -14.5780, 9.1471
Hunter-Lab	32.1681, -2.3178, 11.9020

Details

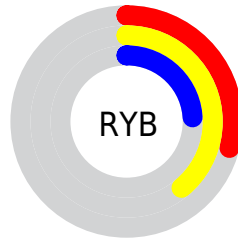
The YUV color **89.5700, -14.5780, 9.1471** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.4300, 14.5780, -9.1471**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9400, -15.7464, 10.5766**, and **43.9010, -13.2622, 7.1028** is the 20% darker color. If you saturate the color by 10%, you get **87.2560, -18.3672, 11.1765**, and if you desaturate by 10%, it is **92.4710, -11.0782, 6.6029**.

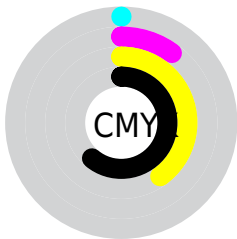
Distribution



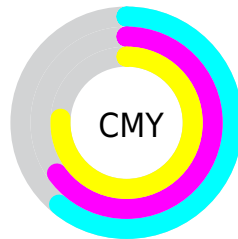
- Red (39%)
- Green (35%)
- Blue (24%)



- Red (29%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5700, -14.5780, 9.1471 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 89.5700, -14.5780, 9.1471 by changing the saturation by 10% instead.

■ 89.5700, -14.5780,
9.1471

■ 89.5700, -14.5780,
9.1471

■ 255.0000, 0.0000,
0.0000

■ 66.3850, -13.9938,
8.4324

■ 139.9400,
-15.7464, 10.5766

■ 43.9010, -13.2622,
7.1028

■ 166.1250,
-16.3306, 11.2914

■ 23.3570, -11.5150,
6.7029

■ 193.0110,
-16.7674, 11.3914

■ 0.0000, 0.0000,
0.0000

■ 221.1960,
-17.3516, 12.1061

■ 247.3910,
-16.4618, 6.6731

■ 253.6320, -5.2416,

1.1997

■ 89.5700, -14.5780,
9.1471

■ 89.5700, -14.5780,
9.1471

■ 87.2560, -18.3672,
11.1765

■ 92.4710, -11.0782,
6.6029

■ 84.3550, -21.8670,
13.7207

■ 94.7850, -7.2890,
4.5736

■ 82.0410, -25.6562,
15.7500

■ 97.6860, -3.7892,
2.0294

■ 79.1400, -29.1560,
18.2942

■ 100.0000, 0.0000,
0.0000

■ 76.8260, -32.9452,
20.3236

■ 102.9010, 3.4998,
-2.5442

■ 73.9250, -36.4450,
22.8678

■ 105.2150, 7.2890,
-4.5736

■ 108.1160, 10.7888,
-7.1177

■ 110.4300, 14.5780,
-9.1471

■ 113.3310, 18.0778,
-11.6913

Harmonies

Analogous

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



90.9780, -13.3002, 19.3133



89.5700, -14.5780, 9.1471



88.1770, -11.9193, -3.6632

Triad

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



89.5700, -14.5780, 9.1471



82.1680, 11.7492, -35.2273



92.7060, 6.0609, 16.0438

Complementary

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



89.5700, -14.5780, 9.1471



70.4300, 14.5780, -9.1471

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.



91.8120, 11.9247, 1.9189



89.5700, -14.5780, 9.1471



85.2380, 15.6587, -29.1497

Square

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



89.5700, -14.5780, 9.1471



83.1380, 3.8760, -29.9390



89.6250, 15.4679, -14.5801



92.5130, -1.2389, 24.1061

Rectangle

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



89.5700, -14.5780, 9.1471



86.6750, -7.2348, -12.8700



89.6250, 15.4679, -14.5801



92.8410, 7.9664, 11.5404

Sweetspot

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



89.5700, -14.5780, 9.1471



125.8280, -5.8312, 3.6588



73.1000, -1.5283, 23.5913



63.8000, -3.3524, 1.9294



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



89.5700, -14.5780, 9.1471



113.5400, -22.4512, 14.4354



92.4500, -15.9979, -2.1487



49.8430, -1.8946, 1.0147



84.8670, -41.8394, 26.4266



179.1920, -88.3417, 55.0826

Inverse Universe

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



70.4300, 14.5780, -9.1471



83.8730, 22.7406, -13.9206



67.5500, 15.9979, 2.1487



47.1570, 1.8946, -1.0147



30.1330, 41.8394, -26.4266



63.3950, 88.0523, -55.5974

Previews

White Background



This preview shows how the YUV color 89.5700, -14.5780, 9.1471 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 × Fail

Black Background



This preview shows how the YUV color 89.5700, -14.5780, 9.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

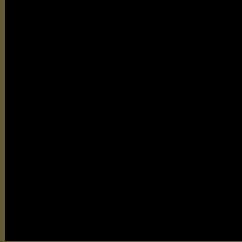
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5700, -14.5780, 9.1471

Background



This preview shows how black text looks on a background with the YUV color 89.5700, -14.5780, 9.1471.

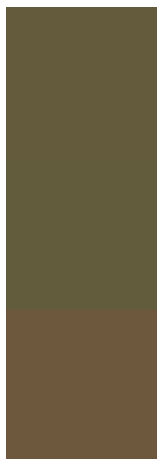


This preview shows how white text looks on a background with the YUV color 89.5700, -14.5780,

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

89.5700, -14.5780, 9.1471

Protanopia

89.5590, -14.5726, 7.4028

Deuteranopia

90.6140, -14.5997, 16.1245



Tritanopia

91.8810, 0.5517, 9.7514

Trichromacy



Original Color

89.5700, -14.5780, 9.1471

Protanomaly

89.8580, -14.7200, 8.0175

Deuteranomaly

90.3040, -14.4469, 13.7654

Tritanomaly

90.8010, -4.8319, 9.8215

Monochromacy



Original Color

89.5700, -14.5780, 9.1471

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5700, -14.5780, 9.1471 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(100, 90, 60)` looks like.

```
.text, #text, p{  
    color:rgb(100, 90, 60)  
}
```

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(100, 90, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 90, 60) }
```

Border

The CSS property to change the border of an element to YUV 89.5700, -14.5780, 9.1471 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(100, 90, 60) }
```


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

```
.border{ border-color:rgb(100, 90, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 90, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 90, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 90, 60);  
box-shadow:4px 4px 4px 4px rgb(100, 90,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 89.5700, -14.5780, 9.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 90, 60) }
```

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

```
.background{ background-color: rgb(100, 90,  
60) }
```

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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