

Converting Colors

YUV(145.5590, -14.5726,
7.4028)

Have a look what the booklet for
YUV(145.5590, -14.5726, 7.4028)
contains.

YUV(145.5590, -14.5726, 7.4028)	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(145.5590, -14.5726,
7.4028)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9374
RGB	154, 147, 116
RGB Percent	60%, 58%, 45%
CMY	0.3961, 0.4235, 0.5451
CMYK	0.00, 0.05, 0.25, 0.40
HSL	49°, 16%, 53%
HSV	49°, 25%, 60%
XYZ	26.9125, 28.9984, 20.7018
YIQ	145.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

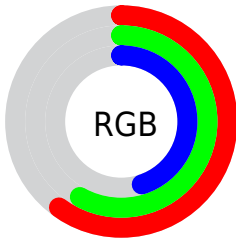
Format	Color
RYB	125, 154, 116
Decimal	10130292
CIELab	60.78, -2.62, 17.38
CIELCh	61, 17.572, 98.577
Yxy	28.9984, 0.3513, 0.3785
Android (android.graphics.Color)	4288320372 (0xFF9A9374)
YUV	145.5590, -14.5726, 7.4028
Hunter-Lab	53.8502, -5.0294, 14.9021

Details

The YUV color **145.5590, -14.5726, 7.4028** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **124.4410, 14.5726, -7.4028**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6300, -15.5936, 8.2175**, and **95.1890, -13.4042, 5.9732** is the 20% darker color. If you saturate the color by 10%, you get **142.0880, -20.2564, 10.4468**, and if you desaturate by 10%, it is **149.0300, -8.8888, 4.3587**.

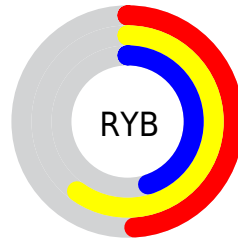
Distribution



Red (60%)

Green (58%)

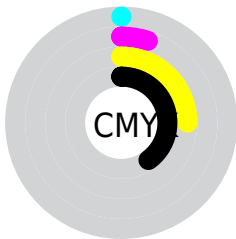
Blue (45%)



Red (49%)

Yellow (60%)

Blue (45%)

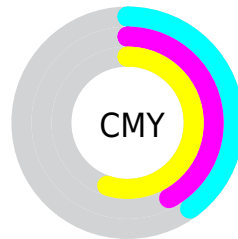


Cyan (0%)

Magenta (5%)

Yellow (25%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5590, -14.5726, 7.4028 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 145.5590, -14.5726, 7.4028 by changing the saturation by 10% instead.

■ 145.5590,
-14.5726, 7.4028

■ 145.5590,
-14.5726, 7.4028

255.0000, 0.0000,
0.0000

■ 119.6730,
-14.1358, 7.3028

■ 199.6300,
-15.5936, 8.2175

■ 95.1890, -13.4042,
5.9732

■ 227.5160,
-16.0304, 8.3175

■ 71.3030, -12.9674,
5.8733

■ 251.3520,
-13.9775, 3.1993

■ 48.5310, -12.0938,
5.6733

254.6580, -1.3104,
0.2999

■ 27.1890, -13.4042,
5.9732

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,

0.0000

■ 145.5590,
-14.5726, 7.4028

■ 145.5590,
-14.5726, 7.4028

■ 142.0880,
-20.2564, 10.4468

■ 149.0300, -8.8888,
4.3587

■ 138.5030,
-26.3770, 13.5909

■ 152.6150, -2.7682,
1.2146

■ 135.0320,
-32.0608, 16.6349

■ 156.0860, 2.9156,
-1.8294

■ 132.0340,
-38.4708, 19.2642

■ 159.0840, 9.3256,
-4.4587

■ 128.5630,
-44.1546, 22.3082

■ 162.5550, 15.0094,
-7.5027

■ 125.0920,
-49.8384, 25.3523

■ 166.0260, 20.6932,
-10.5468

■ 121.5070,
-55.9590, 28.4964

■ 169.6110, 26.8138,
-13.6908

■ 120.0080,
-59.1639, 29.8110

■ 173.0820, 32.4976,
-16.7349

■ 176.6670, 38.6182,
-19.8790

Harmonies

Analogous

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



147.3370, -14.4631, 18.9985



145.5590, -14.5726, 7.4028



144.0950, -10.8928, -6.2223

Triad

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



145.5590, -14.5726, 7.4028



140.6030, 12.0277, -31.2238



149.5600, 4.1609, 18.8029

Complementary

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



145.5590, -14.5726, 7.4028



124.4410, 14.5726, -7.4028

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.



148.6060, 11.0402, 5.6075



145.5590, -14.5726, 7.4028



143.2710, 15.6424, -23.9167

Square

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



145.5590, -14.5726, 7.4028



140.7790, 5.0390, -29.6242



146.2450, 15.1622, -9.8619



149.3560, -3.1335, 25.1208

Rectangle

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



145.5590, -14.5726, 7.4028



142.5930, -6.2083, -15.4291



146.2450, 15.1622, -9.8619



149.2220, 6.7926, 14.7143

Sweetspot

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



145.5590, -14.5726, 7.4028



198.2300, -5.5364, 2.4293



128.2740, -2.1071, 22.5617



99.9140, -2.9156, 1.8294



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



145.5590, -14.5726, 7.4028



187.7030, -23.0246, 11.6615



146.3790, -14.9768, -2.9634



74.9140, -2.9156, 1.8294



108.7780, -53.6276, 27.3817



9.7570, -4.8102, 2.8441

Inverse Universe

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



124.4410, 14.5726, -7.4028



154.2970, 23.0246, -11.6615



123.6210, 14.9768, 2.9634



70.4990, 3.2050, -1.3146



31.2220, 53.6276, -27.3817



2.6560, 5.0996, -2.3293

Previews

White Background



This preview shows how the YUV color 145.5590, -14.5726, 7.4028 looks on a white 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

Black Background



This preview shows how the YUV color 145.5590, -14.5726, 7.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

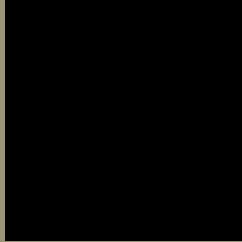
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.5590, -14.5726, 7.4028

Background



This preview shows how black text looks on a background with the YUV color 145.5590, -14.5726, 7.4028.



This preview shows how white text looks on a background with the YUV color 145.5590, -14.5726, 7.4028.

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

145.5590, -14.5726, 7.4028

Protanopia

145.5700, -14.5780, 9.1471

Deuteranopia

147.2340, -14.9054, 20.8428



Tritanopia

148.3370, 2.2989, 9.3515

Trichromacy



Original Color

145.5590, -14.5726, 7.4028

Protanomaly

145.2710, -14.4306, 8.5323

Deuteranomaly

146.6140, -14.5997, 16.1245

Tritanomaly

147.4310, -3.6635, 8.3920

Monochromacy



Original Color

145.5590, -14.5726, 7.4028

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6430, -5.2470, 2.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5590, -14.5726, 7.4028 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(154, 147, 116)` looks like.

```
.text, #text, p{  
    color:rgb(154, 147, 116)  
}
```

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(154, 147, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 147, 116) }
```

Border

The CSS property to change the border of an element to YUV 145.5590, -14.5726, 7.4028 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(154, 147, 116) }
```


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

```
.border{ border-color:rgb(154, 147, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 147, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 147, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 147, 116);  
box-shadow:4px 4px 4px 4px rgb(154, 147,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 145.5590, -14.5726, 7.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 147, 116) }
```

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

```
.background{ background-color: rgb(154,  
147, 116) }
```

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