

Converting Colors

YUV(113.7240, -14.6539,
33.5681)

Have a look what the booklet for
YUV(113.7240, -14.6539, 33.5681)
contains.

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Color

**YUV(113.7240, -14.6539,
33.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	986454
RGB	152, 100, 84
RGB Percent	60%, 39%, 33%
CMY	0.4039, 0.6078, 0.6706
CMYK	0.00, 0.34, 0.45, 0.40
HSL	14°, 29%, 46%
HSV	14°, 45%, 60%
XYZ	19.1063, 16.4298, 10.5518
YIQ	113.7240, 36.1280, 6.0480

Conversions

Conversions Part 2

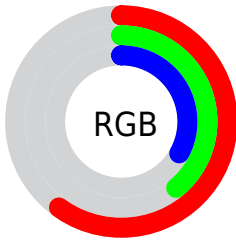
Format	Color
RYB	152, 105, 84
Decimal	9987156
CIELab	47.53, 19.05, 17.68
CIELCh	48, 25.984, 42.861
Yxy	16.4298, 0.4146, 0.3565
Android (android.graphics.Color)	4288177236 (0xFF986454)
YUV	113.7240, -14.6539, 33.5681
Hunter-Lab	40.5337, 13.2051, 12.9392

Details

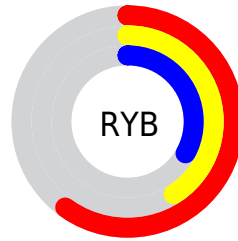
The YUV color **113.7240, -14.6539, 33.5681** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.2760, 14.6539, -33.5681**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1050, -15.8278, 36.7419**, and **65.1580, -12.8959, 29.6794** is the 20% darker color. If you saturate the color by 10%, you get **104.9700, -17.7332, 41.2453**, and if you desaturate by 10%, it is **122.4780, -11.5747, 25.8908**.

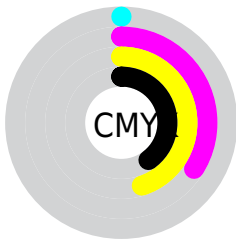
Distribution



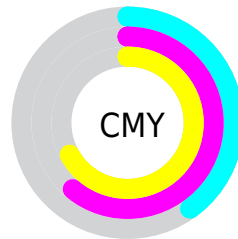
- Red (60%)
- Green (39%)
- Blue (33%)



- Red (60%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7240, -14.6539, 33.5681 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 113.7240, -14.6539, 33.5681 by changing the saturation by 10% instead.

■ 113.7240,
-14.6539, 33.5681

■ 113.7240,
-14.6539, 33.5681

■ 255.0000, 0.0000,
0.0000

■ 88.9410, -13.7749,
31.6237

■ 166.1050,
-15.8278, 36.7419

■ 65.1580, -12.8959,
29.6794

■ 193.5890,
-16.5594, 38.0714

■ 42.0760, -11.8695,
27.1203

■ 218.4850,
-15.5221, 32.0237

■ 19.9340, -9.8275,
25.4909

■ 238.1130,
-11.3947, 14.8099

■ 5.6810, -2.8007,
11.6808

■ 253.6320, -5.2416,
1.1997

■ 0.0000, 0.0000,
0.0000

■ 113.7240,
-14.6539, 33.5681

■ 113.7240,
-14.6539, 33.5681

■ 104.9700,
-17.7332, 41.2453

■ 122.4780,
-11.5747, 25.8908

■ 96.8030, -21.1019,
48.4078

■ 130.6450, -8.2060,
18.7283

■ 87.9350, -24.6180,
56.1850

■ 139.5130, -4.6899,
10.9511

■ 79.7680, -27.9866,
63.3475

■ 147.6800, -1.3212,
3.7886

■ 71.0140, -31.0659,
71.0247

■ 156.4340, 1.7580,
-3.8886

■ 66.5800, -32.8239,
74.9133

■ 165.1880, 4.8373,
-11.5659

■ 173.3550, 8.2060,
-18.7283

■ 182.2230, 11.7221,

-26.5056

■ 190.9770, 14.8013,
-34.1828

Harmonies

Analogous

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



114.8520, -5.3500, 36.0868



113.7240, -14.6539, 33.5681



112.1650, -20.2943, 22.6573

Triad

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



113.7240, -14.6539, 33.5681



104.1070, -2.5178, -32.5428



112.4170, 20.9934, -13.5207

Complementary

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



113.7240, -14.6539, 33.5681



122.2760, 14.6539, -33.5681

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.



105.9470, 23.6901, -38.5415



113.7240, -14.6539, 33.5681



99.2430, 11.2192, -51.9561

Square

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



113.7240, -14.6539, 33.5681



107.6660, -13.6393, -11.9851



98.2560, 21.5658, -57.2295



115.5510, 14.5184, 10.0408

Rectangle

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



113.7240, -14.6539, 33.5681



110.9850, -20.6986, 12.2912



98.2560, 21.5658, -57.2295



110.1170, 22.6203, -22.0276

Sweetspot

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



113.7240, -14.6539, 33.5681



181.9970, -5.4215, 12.2806



110.2600, 12.6898, 36.6060



90.2460, -3.0793, 7.6773



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



113.7240, -14.6539, 33.5681



136.3690, -22.8599, 52.2964



133.6820, -24.4932, 16.0649



72.5660, -1.7580, 3.8886



61.2310, -30.1869, 69.0804



5.6480, -2.7845, 6.4477

Inverse Universe

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



122.2760, 14.6539, -33.5681



149.6310, 22.8599, -52.2964



102.3180, 24.4932, -16.0649



73.4340, 1.7580, -3.8886



78.7690, 30.1869, -69.0804



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 113.7240, -14.6539, 33.5681 looks on a white background.

Color Contrast Check

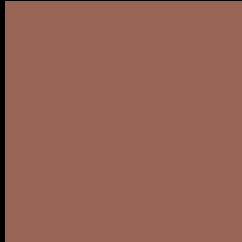
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7240, -14.6539, 33.5681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

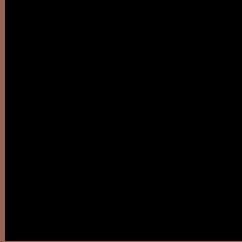
Any Text WCAG AA × Fail

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 113.7240, -14.6539, 33.5681 Background



This preview shows how black text looks on a background with the YUV color 113.7240, -14.6539, 33.5681.



This preview shows how white text looks on a background with the YUV color 113.7240, -14.6539, 33.5681.

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

113.7240, -14.6539, 33.5681

Protanopia

112.4710, -11.0782, 6.6029

Deuteranopia

112.8100, -15.1893, 18.5836



Tritanopia

114.8410, -5.3446, 34.3424

Trichromacy



Original Color

113.7240, -14.6539, 33.5681

Protanomaly

112.8960, -12.2737, 16.7542

Deuteranomaly

113.2560, -14.9162, 24.3315

Tritanomaly

114.3310, -8.5442, 33.9127

Monochromacy



Original Color

113.7240, -14.6539, 33.5681

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9970, -5.4215, 12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7240, -14.6539, 33.5681 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(152, 100, 84)` looks like.

```
.text, #text, p{  
    color:rgb(152, 100, 84)  
}
```

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(152, 100, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 100, 84) }
```

Border

The CSS property to change the border of an element to YUV 113.7240, -14.6539, 33.5681 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(152, 100, 84) }
```


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

```
.border{ border-color:rgb(152, 100, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 100, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 100, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 100, 84);  
box-shadow:4px 4px 4px 4px rgb(152, 100,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 113.7240, -14.6539, 33.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 100, 84) }
```

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

```
.background{ background-color: rgb(152,  
100, 84) }
```

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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