

Converting Colors

YUV(115.8140, -14.6983,
1.0401)

Have a look what the booklet for
YUV(115.8140, -14.6983, 1.0401)
contains.

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Color

**YUV(115.8140, -14.6983,
1.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	757956
RGB	117, 121, 86
RGB Percent	46%, 47%, 34%
CMY	0.5412, 0.5255, 0.6627
CMYK	0.03, 0.00, 0.29, 0.53
HSL	67°, 17%, 41%
HSV	67°, 29%, 47%
XYZ	15.8532, 18.1285, 11.4677
YIQ	115.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

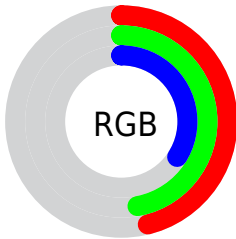
Format	Color
R_{YB}	86, 121, 90
Decimal	7698774
CIE Lab	49.65, -7.75, 18.74
CIE LCh	50, 20.282, 112.467
Yxy	18.1285, 0.3488, 0.3989
Android (android.graphics.Color)	4285888854 (0xFF757956)
YUV	115.8140, -14.6983, 1.0401
Hunter-Lab	42.5776, -8.0488, 13.8354

Details

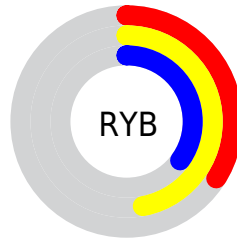
The YUV color **115.8140, -14.6983, 1.0401** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **91.1860, 14.6983, -1.0401**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5860, -15.5719, 1.2401**, and **67.7430, -13.6773, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **114.1470, -19.7925, 1.6251**, and if you desaturate by 10%, it is **117.4810, -9.6041, 0.4552**.

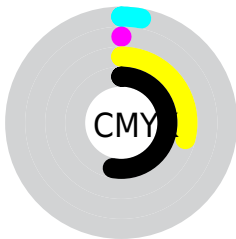
Distribution



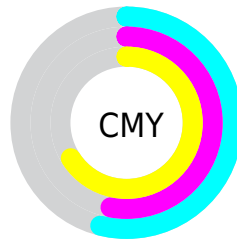
- Red (46%)
- Green (47%)
- Blue (34%)



- Red (34%)
- Yellow (47%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8140, -14.6983, 1.0401 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 115.8140, -14.6983, 1.0401 by changing the saturation by 10% instead.

■ 115.8140,
-14.6983, 1.0401

■ 115.8140,
-14.6983, 1.0401

■ 255.0000, 0.0000,
0.0000

■ 91.0420, -13.8247,
0.8402

■ 167.5860,
-15.5719, 1.2401

■ 67.7430, -13.6773,
0.2254

■ 195.3580,
-16.4455, 1.4400

■ 44.9710, -12.8037,
0.0254

■ 223.2440,
-16.8823, 1.5400

■ 24.7970, -12.2249,
1.0550

■ 250.3690,
-16.4509, 3.1844

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,
0.8998

■ 115.8140,
-14.6983, 1.0401

■ 115.8140,
-14.6983, 1.0401

■ 114.1470,
-19.7925, 1.6251

■ 117.4810, -9.6041,
0.4552

■ 112.1810,
-24.7392, 1.5953

■ 119.4470, -4.6574,
0.4850

■ 110.5140,
-29.8334, 2.1802

■ 121.1140, 0.4368,
-0.1000

■ 108.5480,
-34.7802, 2.1504

■ 123.0800, 5.3836,
-0.0702

■ 106.7670,
-40.3111, 2.8353

■ 124.8610, 10.9145,
-0.7551

■ 105.1000,
-45.4053, 3.4203

■ 126.5280, 16.0087,
-1.3401

■ 103.1340,
-50.3521, 3.3905

■ 128.4940, 20.9555,
-1.3102

■ 103.0200,

■ 130.1610, 26.0496,

-50.7889, 3.4905

-1.8952

■ 131.8280, 31.1438,
-2.4802

Harmonies

Analogous

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



117.4460, -16.4889, 15.3949



115.8140, -14.6983, 1.0401



113.4360, -8.1029, -14.4144

Triad

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



115.8140, -14.6983, 1.0401



111.1340, 16.6959, -35.1975



120.7950, 1.0871, 24.7358

Complementary

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



115.8140, -14.6983, 1.0401



91.1860, 14.6983, -1.0401

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.



120.4930, 9.1240, 13.5996



115.8140, -14.6983, 1.0401



115.2650, 18.1104, -22.1574

Square

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



115.8140, -14.6983, 1.0401



110.1030, 10.3022, -37.8013



118.9900, 15.2879, -3.4992



120.0530, -6.9281, 28.8945

Rectangle

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



115.8140, -14.6983, 1.0401



111.8630, -2.3975, -24.4359



118.9900, 15.2879, -3.4992



121.1690, 3.8607, 21.7768

Sweetspot

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



115.8140, -14.6983, 1.0401



155.8060, -5.8204, 0.1701



98.8130, -6.3168, 19.4580



77.6750, -3.7838, 0.2850



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



115.8140, -14.6983, 1.0401



149.9360, -23.1394, 1.8101



110.7310, -12.1924, -9.4111



60.3160, -2.6208, 0.5999



106.5640, -52.5361, 3.8904



214.9000, -105.9457, 7.9807

Inverse Universe

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



91.1860, 14.6983, -1.0401



111.0640, 23.1394, -1.8101



96.2690, 12.1924, 9.4111



55.9830, 2.4734, 0.0149



18.4360, 52.5361, -3.8904



37.3990, 105.7983, -7.3659

Previews

White Background



This preview shows how the YUV color 115.8140, -14.6983, 1.0401 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 115.8140, -14.6983, 1.0401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

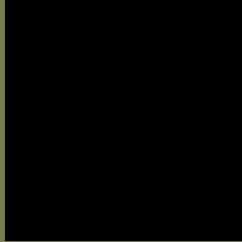
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.8140, -14.6983, 1.0401

Background



This preview shows how black text looks on a background with the YUV color 115.8140, -14.6983, 1.0401.



This preview shows how white text looks on a background with the YUV color 115.8140, -14.6983, 1.0401.

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

115.8140, -14.6983, 1.0401

Protanopia

116.9290, -15.7410, 8.8323

Deuteranopia

117.9240, -14.7525, 18.4837



Tritanopia

118.8200, 3.0467, 2.7889

Trichromacy



Original Color

115.8140, -14.6983, 1.0401

Protanomaly

116.3200, -15.4408, 5.8584

Deuteranomaly

117.1790, -14.8782, 12.1210

Tritanomaly

117.8000, -3.3524, 1.9294

Monochromacy



Original Color

115.8140, -14.6983, 1.0401

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8140, -14.6983, 1.0401 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(117, 121, 86)` looks like.

```
.text, #text, p{  
    color:rgb(117, 121, 86)  
}
```

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(117, 121, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 121, 86) }
```

Border

The CSS property to change the border of an element to YUV 115.8140, -14.6983, 1.0401 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(117, 121, 86) }
```


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

```
.border{ border-color:rgb(117, 121, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 121, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 121, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 121, 86);  
box-shadow:4px 4px 4px 4px rgb(117, 121,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 115.8140, -14.6983, 1.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 121, 86) }
```

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

```
.background{ background-color: rgb(117,  
121, 86) }
```

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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