

Converting Colors

YUV(115.0150, -12.8254,
7.0028)

Have a look what the booklet for
YUV(115.0150, -12.8254, 7.0028)
contains.

YUV(115.0150, -12.8254, 7.0028)	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(115.0150, -12.8254,
7.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7459
RGB	123, 116, 89
RGB Percent	48%, 45%, 35%
CMY	0.5176, 0.5451, 0.6510
CMYK	0.00, 0.06, 0.28, 0.52
HSL	48°, 16%, 42%
HSV	48°, 28%, 48%
XYZ	16.2169, 17.4230, 11.9594
YIQ	115.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

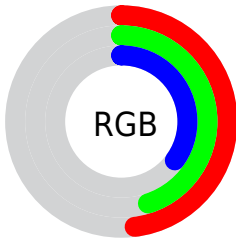
Format	Color
RYB	98, 123, 89
Decimal	8090713
CIELab	48.79, -1.94, 15.92
CIElCh	49, 16.041, 96.954
Yxy	17.4230, 0.3556, 0.3821
Android (android.graphics.Color)	4286280793 (0xFF7B7459)
YUV	115.0150, -12.8254, 7.0028
Hunter-Lab	41.7409, -3.6967, 12.2311

Details

The YUV color **115.0150, -12.8254, 7.0028** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **96.9850, 12.8254, -7.0028**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0860, -13.8464, 7.8176**, and **66.9440, -11.8044, 6.1881** is the 20% darker color. If you saturate the color by 10%, you get **111.8860, -17.1988, 9.7470**, and if you desaturate by 10%, it is **118.1440, -8.4520, 4.2587**.

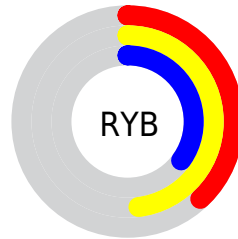
Distribution



Red (48%)

Green (45%)

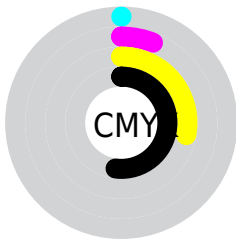
Blue (35%)



Red (38%)

Yellow (48%)

Blue (35%)

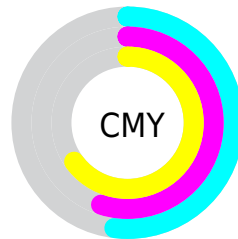


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0150, -12.8254, 7.0028 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 115.0150, -12.8254, 7.0028 by changing the saturation by 10% instead.

■ 115.0150,
-12.8254, 7.0028

■ 115.0150,
-12.8254, 7.0028

■ 255.0000, 0.0000,
0.0000

■ 90.1290, -12.3886,
6.9029

■ 167.0860,
-13.8464, 7.8176

■ 66.9440, -11.8044,
6.1881

■ 194.0860,
-13.8464, 7.8176

■ 44.7590, -11.2202,
5.4734

■ 222.2710,
-14.4306, 8.5323

■ 23.9440, -11.8044,
6.1881

■ 249.3630,
-13.9830, 4.9436

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,
0.5999

■ 115.0150,
-12.8254, 7.0028

■ 115.0150,
-12.8254, 7.0028

■ 111.8860,
-17.1988, 9.7470

■ 118.1440, -8.4520,
4.2587

■ 109.2300,
-22.2984, 12.0763

■ 120.8000, -3.3524,
1.9294

■ 106.1010,
-26.6718, 14.8204

■ 123.9290, 1.0210,
-0.8147

■ 103.5590,
-31.3346, 17.0498

■ 126.4710, 5.6838,
-3.0441

■ 100.3160,
-36.1448, 19.8939

■ 129.7140, 10.4940,
-5.8882

■ 97.7740, -40.8076,
22.1232

■ 132.2560, 15.1568,
-8.1175

■ 94.6450, -45.1810,
24.8673

■ 135.3850, 19.5302,
-10.8616

■ 94.3030, -46.4914,

■ 137.9270, 24.1930,

25.1673

-13.0910

■ 141.1700, 29.0032,
-15.9351

Harmonies

Analogous

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



115.8960, -12.2737, 16.7542



115.0150, -12.8254, 7.0028



113.4480, -9.5879, -4.7779

Triad

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



115.0150, -12.8254, 7.0028



110.5710, 10.5645, -28.5648



118.5380, 4.1718, 15.3142

Complementary

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



115.0150, -12.8254, 7.0028



96.9850, 12.8254, -7.0028

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.



117.3670, 10.1721, 4.0631



115.0150, -12.8254, 7.0028



112.4130, 13.6004, -22.2872

Square

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



115.0150, -12.8254, 7.0028



110.5730, 4.1545, -25.9355



115.4900, 13.5624, -10.0767



117.8610, -2.3965, 22.0469

Rectangle

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



115.0150, -12.8254, 7.0028



112.4300, -5.6350, -12.6551



115.4900, 13.5624, -10.0767



118.3850, 6.2192, 11.9404

Sweetspot

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



115.0150, -12.8254, 7.0028



157.7570, -4.8102, 2.8441



99.9640, -1.9543, 20.2026



79.8000, -3.3524, 1.9294



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



115.0150, -12.8254, 7.0028



148.5010, -19.9670, 10.9616



116.1340, -13.3771, -2.7485



59.7290, -2.3314, 1.1147



95.4880, -47.0756, 25.8820



192.7480, -95.0248, 51.9640

Inverse Universe

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



96.9850, 12.8254, -7.0028



120.4990, 19.9670, -10.9616



95.8660, 13.3771, 2.7485



56.2710, 2.3314, -1.1147



29.5120, 47.0756, -25.8820



59.2520, 95.0248, -51.9640

Previews

White Background



This preview shows how the YUV color 115.0150, -12.8254, 7.0028 looks on a white background.

Color Contrast Check

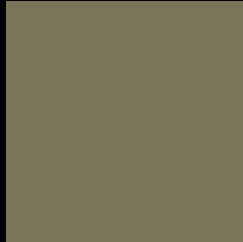
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0150, -12.8254, 7.0028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

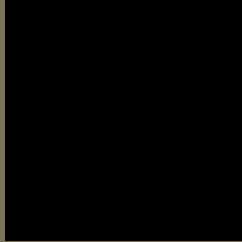
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.0150, -12.8254, 7.0028

Background



This preview shows how black text looks on a background with the YUV color 115.0150, -12.8254, 7.0028.



This preview shows how white text looks on a background with the YUV color 115.0150, -12.8254, 7.0028.

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

115.0150, -12.8254, 7.0028

Protanopia

115.3140, -12.9728, 7.6176

Deuteranopia

116.0810, -12.8579, 17.4690



Tritanopia

117.5110, 1.7201, 8.3219

Trichromacy



Original Color

115.0150, -12.8254, 7.0028

Protanomaly

115.3140, -12.9728, 7.6176

Deuteranomaly

115.7600, -12.6997, 13.3655

Tritanomaly

116.4310, -3.6635, 8.3920

Monochromacy



Original Color

115.0150, -12.8254, 7.0028

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0150, -12.8254, 7.0028 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(123, 116, 89)` looks like.

```
.text, #text, p{  
    color:rgb(123, 116, 89)  
}
```

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(123, 116, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 116, 89) }
```

Border

The CSS property to change the border of an element to YUV 115.0150, -12.8254, 7.0028 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(123, 116, 89) }
```


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

```
.border{ border-color:rgb(123, 116, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 116, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 116, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 116, 89);  
box-shadow:4px 4px 4px 4px rgb(123, 116,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 115.0150, -12.8254, 7.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 116, 89) }
```

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

```
.background{ background-color: rgb(123,  
116, 89) }
```

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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