

Converting Colors

YUV(112.7750, -12.2141,
-2.4337)

Have a look what the booklet for
YUV(112.7750, -12.2141, -2.4337)
contains.

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Color

**YUV(112.7750, -12.2141,
-2.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7758
RGB	110, 119, 88
RGB Percent	43%, 47%, 35%
CMY	0.5686, 0.5333, 0.6549
CMYK	0.08, 0.00, 0.26, 0.53
HSL	77°, 15%, 41%
HSV	77°, 26%, 47%
XYZ	14.7887, 17.2132, 11.7756
YIQ	112.7750, 4.5870, -11.5490

Conversions

Conversions Part 2

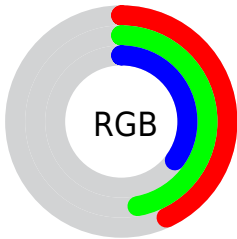
Format	Color
R_{YB}	88, 119, 97
Decimal	7239512
CIE _{Lab}	48.53, -9.21, 15.97
CIE _{LCh}	49, 18.432, 119.976
Yxy	17.2132, 0.3378, 0.3932
Android (android.graphics.Color)	4285429592 (0xFF6E7758)
YUV	112.7750, -12.2141, -2.4337
Hunter-Lab	41.4888, -8.9792, 12.2142

Details

The YUV color **112.7750, -12.2141, -2.4337** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **94.2250, 12.2141, 2.4337**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5470, -13.0877, -2.2337**, and **65.0030, -11.3405, -2.6336** is the 20% darker color. If you saturate the color by 10%, you get **110.5100, -17.0134, -3.0783**, and if you desaturate by 10%, it is **115.0400, -7.4147, -1.7891**.

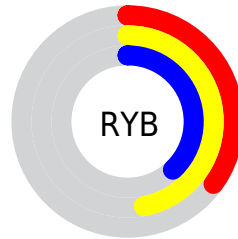
Distribution



Red (43%)

Green (47%)

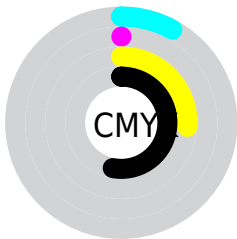
Blue (35%)



Red (35%)

Yellow (47%)

Blue (38%)

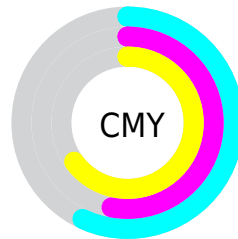


Cyan (8%)

Magenta (0%)

Yellow (26%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7750, -12.2141, -2.4337 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 112.7750, -12.2141, -2.4337 by changing the saturation by 10% instead.

■ 112.7750,
-12.2141, -2.4337

■ 112.7750,
-12.2141, -2.4337

■ 255.0000, 0.0000,
0.0000

■ 88.0030, -11.3405,
-2.6336

■ 164.5470,
-13.0877, -2.2337

■ 65.0030, -11.3405,
-2.6336

■ 191.4330,
-13.5245, -2.1337

■ 42.5300, -10.6143,
-2.2188

■ 219.4330,
-13.5245, -2.1337

■ 22.1280, -10.9091,
-0.9893

■ 247.9060,
-14.2507, -2.5486

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,
0.6998

■ 112.7750,
-12.2141, -2.4337

■ 112.7750,
-12.2141, -2.4337

■ 110.5100,
-17.0134, -3.0783

■ 115.0400, -7.4147,
-1.7891

■ 107.9460,
-21.6654, -4.3376

■ 117.6040, -2.7628,
-0.5297

■ 105.6810,
-26.4647, -4.9822

■ 119.8690, 2.0366,
0.1149

■ 103.1170,
-31.1167, -6.2416

■ 122.4330, 6.6885,
1.3743

■ 100.8520,
-35.9160, -6.8862

■ 124.5840, 11.0511,
2.1188

■ 98.4020, -40.1312,
-8.2456

■ 127.1480, 15.7030,
3.3782

■ 96.1370, -44.9305,
-8.8901

■ 129.4130, 20.5024,
4.0228

■ 94.9690, -46.8197,

■ 131.9770, 25.1543,

-9.6198

5.2822

■ 134.2420, 29.9537,
5.9268

Harmonies

Analogous

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



114.4670, -15.0202, 10.9914



112.7750, -12.2141, -2.4337



110.4080, -5.6241, -16.1438

Triad

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



112.7750, -12.2141, -2.4337



110.2380, 15.6587, -29.1497



117.6270, -0.8021, 24.0061

Complementary

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



112.7750, -12.2141, -2.4337



94.2250, 12.2141, 2.4337

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.



117.5210, 6.6451, 15.3291



112.7750, -12.2141, -2.4337



114.0270, 15.7627, -15.8097

Square

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



112.7750, -12.2141, -2.4337



108.5380, 10.5808, -33.7978



116.6270, 12.5089, 1.2041



116.9880, -8.3751, 26.3205

Rectangle

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



112.7750, -12.2141, -2.4337



109.4330, -0.2135, -24.9357



116.6270, 12.5089, 1.2041



117.5990, 1.6767, 22.2767

Sweetspot

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



112.7750, -12.2141, -2.4337



153.3220, -5.0887, -1.1594



102.5520, -7.1741, 14.4249



77.4900, -3.1996, -0.4297



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.



112.7750, -12.2141, -2.4337



146.2280, -19.3394, -3.7080



108.2900, -10.0030, -11.6553



57.7180, -2.3260, -0.6297



97.6270, -48.1301, -9.3199



199.6730, -98.4388, -19.8842

Inverse Universe

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



94.2250, 12.2141, 2.4337



116.7720, 19.3394, 3.7080



98.7100, 10.0030, 11.6553



53.9830, 2.4734, 0.0149



24.6720, 47.9827, 9.9347



50.3270, 98.4388, 19.8842

Previews

White Background



This preview shows how the YUV color 112.7750, -12.2141, -2.4337 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 112.7750, -12.2141, -2.4337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

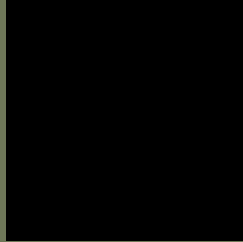
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7750, -12.2141, -2.4337

Background



This preview shows how black text looks on a background with the YUV color 112.7750, -12.2141, -2.4337.



This preview shows how white text looks on a background with the YUV color 112.7750, -12.2141, -2.4337.

-2.4337.

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

112.7750, -12.2141, -2.4337

Protanopia

114.0860, -13.8464, 7.8176

Deuteranopia

115.1950, -12.4211, 17.3690



Tritanopia

115.3250, 3.7838, -0.2850

Trichromacy



Original Color

112.7750, -12.2141, -2.4337

Protanomaly

113.2920, -12.9620, 4.1289

Deuteranomaly

114.1510, -12.3994, 10.3916

Tritanomaly

114.4190, -2.1786, -1.2445

Monochromacy



Original Color

112.7750, -12.2141, -2.4337

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8490, -4.3626, -0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7750, -12.2141, -2.4337 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(110, 119, 88)` looks like.

```
.text, #text, p{  
    color:rgb(110, 119, 88)  
}
```

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(110, 119, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 119, 88) }
```

Border

The CSS property to change the border of an element to YUV 112.7750, -12.2141, -2.4337 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(110, 119, 88) }
```


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

```
.border{ border-color:rgb(110, 119, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 119, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 119, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 119, 88);  
box-shadow:4px 4px 4px 4px rgb(110, 119,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 112.7750, -12.2141, -2.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 119, 88) }
```

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

```
.background{ background-color: rgb(110,  
119, 88) }
```

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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