

Converting Colors

YUV(107.7090, -12.1815,
-12.8998)

Have a look what the booklet for
YUV(107.7090, -12.1815, -12.8998)
contains.

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Color

**YUV(107.7090, -12.1815,
-12.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7853
RGB	93, 120, 83
RGB Percent	36%, 47%, 33%
CMY	0.6353, 0.5294, 0.6745
CMYK	0.22, 0.00, 0.31, 0.53
HSL	104°, 18%, 40%
HSV	104°, 31%, 47%
XYZ	12.7920, 16.3846, 10.6720
YIQ	107.7090, -4.2150, -17.2310

Conversions

Conversions Part 2

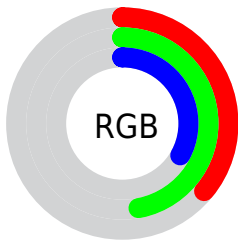
Format	Color
R_{YB}	83, 120, 110
Decimal	6125651
CIE _{Lab}	47.48, -17.37, 17.23
CIE _{LCh}	47, 24.461, 135.230
Yxy	16.3846, 0.3210, 0.4112
Android (android.graphics.Color)	4284315731 (0xFF5D7853)
YUV	107.7090, -12.1815, -12.8998
Hunter-Lab	40.4779, -14.4261, 12.7028

Details

The YUV color **107.7090, -12.1815, -12.8998** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **95.2910, 12.1815, 12.8998**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1820, -12.9077, -13.3146**, and **59.7630, -10.7292, -12.0702** is the 20% darker color. If you saturate the color by 10%, you get **103.6500, -16.0964, -17.2330**, and if you desaturate by 10%, it is **111.7680, -8.2666, -8.5665**.

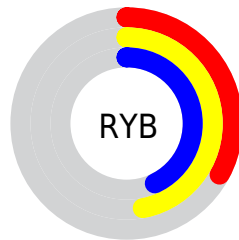
Distribution



Red (36%)

Green (47%)

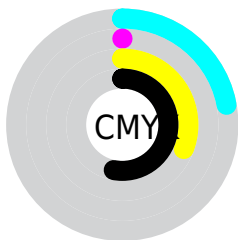
Blue (33%)



Red (33%)

Yellow (47%)

Blue (43%)

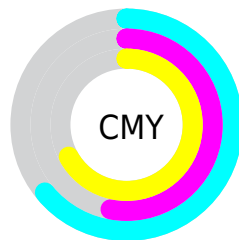


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7090, -12.1815, -12.8998 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 107.7090, -12.1815, -12.8998 by changing the saturation by 10% instead.

■ 107.7090,
-12.1815, -12.8998

■ 107.7090,
-12.1815, -12.8998

■ 255.0000, 0.0000,
0.0000

■ 83.2360, -11.4553,
-12.4850

■ 159.1820,
-12.9077, -13.3146

■ 59.7630, -10.7292,
-12.0702

■ 186.6550,
-13.6339, -13.7294

■ 37.8770, -10.2924,
-12.1701

■ 214.2420,
-13.9233, -14.2442

■ 17.0230, -8.3923,
-14.9292

■ 241.6550,
-13.6339, -13.7294

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 107.7090,
-12.1815, -12.8998

■ 107.7090,
-12.1815, -12.8998

■ 103.6500,
-16.0964, -17.2330

■ 111.7680, -8.2666,
-8.5665

■ 99.5910, -20.0114,
-21.5663

■ 115.8270, -4.3517,
-4.2333

■ 95.8310, -24.0737,
-25.2848

■ 119.5870, -0.2894,
-0.5148

■ 91.7720, -27.9886,
-29.6180

■ 123.6460, 3.6255,
3.8185

■ 87.7130, -31.9035,
-33.9513

■ 127.7050, 7.5404,
8.1517

■ 83.6540, -35.8184,
-38.2846

■ 131.7640, 11.4553,
12.4850

■ 80.0080, -39.4439,
-42.1030

■ 135.5240, 15.5177,
16.2035

■ 139.5830, 19.4326,

20.5367

■ 143.6420, 23.3475,
24.8700

Harmonies

Analogous

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



110.3970, -18.9297, 4.9138



107.7090, -12.1815, -12.8998



104.0470, -1.5022, -31.6132

Triad

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



107.7090, -12.1815, -12.8998



107.2250, 22.0741, -33.5233



114.4280, -5.6340, 33.8276

Complementary

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



107.7090, -12.1815, -12.8998



95.2910, 12.1815, 12.8998

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.



115.6150, 4.1338, 27.5246



107.7090, -12.1815, -12.8998



112.6840, 19.3828, -10.2469

Square

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



107.7090, -12.1815, -12.8998



100.8440, 19.7969, -49.8522



115.5080, 13.0606, 10.9555



113.4140, -14.5011, 31.2089

Rectangle

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



107.7090, -12.1815, -12.8998



101.8590, 6.9715, -42.8493



115.5080, 13.0606, 10.9555



115.2260, -2.5764, 33.1278

Sweetspot

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



107.7090, -12.1815, -12.8998



151.1150, -4.4937, -5.3629



109.9120, -13.2676, 8.8472



76.1800, -3.0467, -2.7889



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.



107.7090, -12.1815, -12.8998



136.8300, -19.1432, -20.0219



105.6310, -7.2131, -19.8474



59.1200, -2.0312, -1.8592



83.5410, -41.1857, -43.4475



168.2560, -82.9502, -87.9245

Inverse Universe

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



95.2910, 12.1815, 12.8998



117.1700, 19.1432, 20.0219



97.3690, 7.2131, 19.8474



57.1790, 1.8838, 2.4740



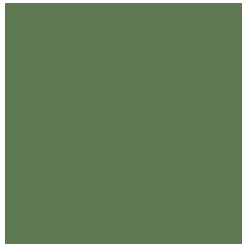
41.4590, 41.1857, 43.4475



83.7440, 82.9502, 87.9245

Previews

White Background



This preview shows how the YUV color 107.7090, -12.1815, -12.8998 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 107.7090, -12.1815, -12.8998 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 107.7090, -12.1815, -12.8998 Background



This preview shows how black text looks on a background with the YUV color 107.7090, -12.1815, -12.8998.



This preview shows how white text looks on a background with the YUV color 107.7090, -12.1815, -12.8998.

-12.8998.

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

107.7090, -12.1815, -12.8998

Protanopia

111.0430, -15.3042, 8.7323

Deuteranopia

112.6680, -13.1473, 16.9542



Tritanopia

111.5410, 6.1423, -10.1215

Trichromacy



Original Color

107.7090, -12.1815, -12.8998

Protanomaly

109.9280, -14.2615, 0.9401

Deuteranomaly

110.7160, -12.6780, 6.3881

Tritanomaly

110.1080, -0.5462, -11.4957

Monochromacy



Original Color

107.7090, -12.1815, -12.8998

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8270, -4.3517, -4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7090, -12.1815, -12.8998 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(93, 120, 83)` looks like.

```
.text, #text, p{  
    color:rgb(93, 120, 83)  
}
```

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(93, 120, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 120, 83) }
```

Border

The CSS property to change the border of an element to YUV 107.7090, -12.1815, -12.8998 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(93, 120, 83) }
```


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

```
.border{ border-color:rgb(93, 120, 83) }
```

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

Here you see how a box with a 4 pixel rgb(93, 120, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 120, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 120, 83);  
box-shadow:4px 4px 4px 4px rgb(93, 120,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 107.7090, -12.1815, -12.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 120, 83) }
```

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

```
.background{ background-color: rgb(93, 120,  
83) }
```

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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