

Converting Colors

YUV(113.8990, -3.4012,
17.6286)

Have a look what the booklet for
YUV(113.8990, -3.4012, 17.6286)
contains.

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Color

**YUV(113.8990, -3.4012,
17.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	86696B
RGB	134, 105, 107
RGB Percent	53%, 41%, 42%
CMY	0.4745, 0.5882, 0.5804
CMYK	0.00, 0.22, 0.20, 0.47
HSL	356°, 12%, 47%
HSV	356°, 22%, 53%
XYZ	17.5369, 16.2330, 16.1189
YIQ	113.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

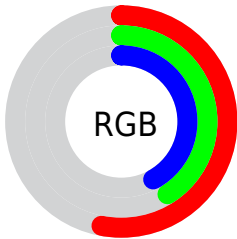
Format	Color
RYB	134, 105, 107
Decimal	8808811
CIELab	47.28, 11.90, 3.30
CIElCh	47, 12.344, 15.508
Yxy	16.2330, 0.3515, 0.3254
Android (android.graphics.Color)	4286998891 (0xFF86696B)
YUV	113.8990, -3.4012, 17.6286
Hunter-Lab	40.2902, 7.1870, 4.4830

Details

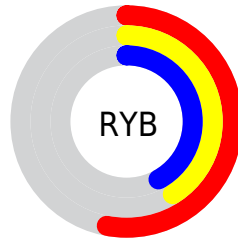
The YUV color **113.8990, -3.4012, 17.6286** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.1010, 3.4012, -17.6286**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7960, -3.8434, 19.4729**, and **66.0020, -2.9590, 15.7842** is the 20% darker color. If you saturate the color by 10%, you get **104.9000, -4.8807, 25.5207**, and if you desaturate by 10%, it is **122.8980, -1.9217, 9.7365**.

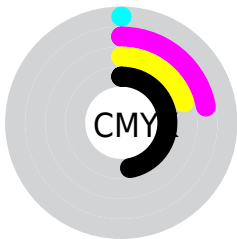
Distribution



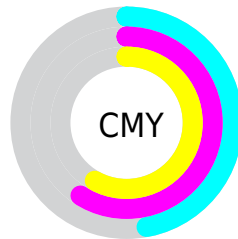
- Red (53%)
- Green (41%)
- Blue (42%)



- Red (53%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8990, -3.4012, 17.6286 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 113.8990, -3.4012, 17.6286 by changing the saturation by 10% instead.

■ 113.8990, -3.4012,
17.6286

■ 113.8990, -3.4012,
17.6286

255.0000, 0.0000,
0.0000

■ 89.3010, -3.1064,
16.3990

■ 165.7960, -3.8434,
19.4729

■ 66.0020, -2.9590,
15.7842

■ 193.0950, -3.9908,
20.0877

■ 43.4040, -2.6642,
14.5547

■ 221.0950, -3.9908,
20.0877

■ 22.1050, -2.5168,
13.9399

■ 244.0120, -1.4849,
9.6365

■ 0.0000, 0.0000,
0.0000

■ 113.8990, -3.4012,

■ 113.8990, -3.4012,

17.6286

17.6286

■ 104.9000, -4.8807,
25.5207

■ 122.8980, -1.9217,
9.7365

■ 95.2000, -6.5076,
34.0276

■ 132.5980, -0.2948,
1.2296

■ 86.2010, -7.9871,
41.9197

■ 141.5970, 1.1847,
-6.6626

■ 76.5010, -9.6140,
50.4266

■ 151.2970, 2.8116,
-15.1695

■ 67.5020, -11.0935,
58.3187

■ 160.2960, 4.2911,
-23.0616

■ 58.3890, -13.0098,
66.3108

■ 169.4090, 6.2074,
-31.0537

■ 48.8030, -14.1999,
74.7178

■ 178.9950, 7.3975,
-39.4606

■ 41.0920, -15.8214,
81.4803

■ 188.1080, 9.3138,
-47.4527

■ 197.6940, 10.5039,
-55.8596

Harmonies

Analogous

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



113.9570, 1.9932, 14.0697



113.8990, -3.4012, 17.6286



113.4490, -7.6164, 16.2692

Triad

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



113.8990, -3.4012, 17.6286



109.9470, -6.3829, -6.0925



110.9580, 10.3737, -13.9952

Complementary

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



113.8990, -3.4012, 17.6286



125.1010, 3.4012, -17.6286

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.



108.8710, 8.9376, -20.0579



113.8990, -3.4012, 17.6286



108.9720, -0.9722, -14.8844

Square

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



113.8990, -3.4012, 17.6286



111.2040, -9.4676, 3.3291



108.0190, 4.4276, -20.1877



112.4970, 9.6150, -3.9439

Rectangle

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



113.8990, -3.4012, 17.6286



112.9710, -9.3527, 13.1804



108.0190, 4.4276, -20.1877



110.2350, 10.2371, -16.8691

Sweetspot

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



113.8990, -3.4012, 17.6286



166.1040, -1.0373, 6.0478



116.3790, 8.6872, 13.6996



82.7940, -0.8844, 3.6887



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.8990, -3.4012, 17.6286



141.7970, -5.3229, 27.3650



120.7150, -7.7475, 11.6509



61.7940, -0.8844, 3.6887



39.8960, -15.2317, 79.0212



0.8970, -0.4422, 1.8443

Inverse Universe

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



113.8990, -3.4012, 17.6286



141.7970, -5.3229, 27.3650



118.2850, 7.7475, -11.6509



61.7940, -0.8844, 3.6887



39.8960, -15.2317, 79.0212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 113.8990, -3.4012, 17.6286 looks on a white background.

Color Contrast Check

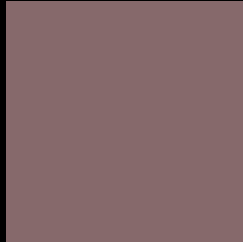
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8990, -3.4012, 17.6286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

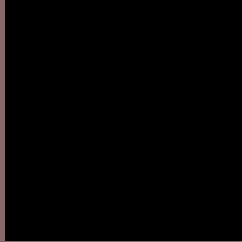
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8990, -3.4012, 17.6286

Background



This preview shows how black text looks on a background with the YUV color 113.8990, -3.4012, 17.6286.



This preview shows how white text looks on a background with the YUV color 113.8990, -3.4012,

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

113.8990, -3.4012, 17.6286

Protanopia

112.7830, -0.8790, 1.9443

Deuteranopia

112.8550, -3.3795, 10.6512



Tritanopia

114.1810, -1.0752, 18.2583

Trichromacy



Original Color

113.8990, -3.4012, 17.6286

Protanomaly

113.0010, -1.4795, 7.8921

Deuteranomaly

113.1650, -3.5323, 13.0103

Tritanomaly

113.9530, -1.9488, 18.4582

Monochromacy



Original Color

113.8990, -3.4012, 17.6286

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8990, -3.4012, 17.6286 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(134, 105, 107)` looks like.

```
.text, #text, p{  
    color:rgb(134, 105, 107)  
}
```

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(134, 105, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 105, 107) }
```

Border

The CSS property to change the border of an element to YUV 113.8990, -3.4012, 17.6286 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(134, 105, 107) }
```


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

```
.border{ border-color:rgb(134, 105, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 105, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 105, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 105, 107);  
box-shadow:4px 4px 4px 4px rgb(134, 105,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 113.8990, -3.4012, 17.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 105, 107) }
```

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

```
.background{ background-color: rgb(134,  
105, 107) }
```

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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