

Converting Colors

YUV(97.2110, 6.7980, 12.9700)

Have a look what the booklet for
YUV(97.2110, 6.7980, 12.9700)
contains.

YUV(97.2110, 6.7980, 12.9700)	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(97.2110, 6.7980,
12.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	70576F
RGB	112, 87, 111
RGB Percent	44%, 34%, 44%
CMY	0.5608, 0.6588, 0.5647
CMYK	0.00, 0.22, 0.01, 0.56
HSL	302°, 13%, 39%
HSV	302°, 22%, 44%
XYZ	12.9595, 11.4088, 16.5580
YIQ	97.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

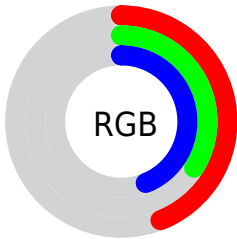
Format	Color
R_{YB}	112, 87, 111
Decimal	7362415
CIE Lab	40.26, 14.84, -9.75
CIE LCh	40, 17.761, 326.699
Yxy	11.4088, 0.3167, 0.2788
Android (android.graphics.Color)	4285552495 (0xFF70576F)
YUV	97.2110, 6.7980, 12.9700
Hunter-Lab	33.7770, 9.3771, -5.4210

Details

The YUV color **97.2110, 6.7980, 12.9700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.7890, -6.7980, -12.9700**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0370, 7.3768, 13.9996**, and **50.3850, 6.2192, 11.9404** is the 20% darker color. If you saturate the color by 10%, you get **90.7540, 9.9813, 18.6327**, and if you desaturate by 10%, it is **103.6680, 3.6147, 7.3072**.

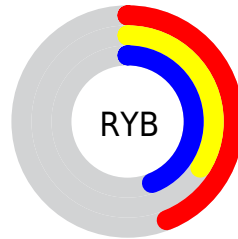
Distribution



Red (44%)

Green (34%)

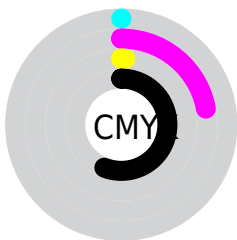
Blue (44%)



Red (44%)

Yellow (34%)

Blue (44%)

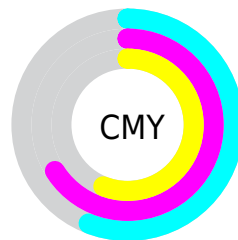


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (56%)



Cyan (56%)

Magenta (66%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2110, 6.7980, 12.9700 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 97.2110, 6.7980, 12.9700 by changing the saturation by 10% instead.

■ 97.2110, 6.7980,
12.9700

■ 97.2110, 6.7980,
12.9700

■ 255.0000, 0.0000,
0.0000

■ 73.4990, 6.6560,
11.8404

■ 148.0370, 7.3768,
13.9996

■ 50.3850, 6.2192,
11.9404

■ 174.4500, 7.6662,
14.5144

■ 28.6730, 6.0772,
10.8108

■ 201.8630, 7.9555,
15.0291

■ 9.2710, 5.7824,
12.0403

■ 230.1620, 7.8081,
15.6439

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,
4.1184

■ 97.2110, 6.7980,
12.9700

■ 97.2110, 6.7980,
12.9700

■ 90.7540, 9.9813,
18.6327

■ 103.6680, 3.6147,
7.3072

■ 84.1830, 12.7278,
24.3955

■ 110.2390, 0.8682,
1.5444

■ 77.1390, 16.2005,
30.5731

■ 117.2830, -2.6045,
-4.6332

■ 70.5680, 18.9470,
36.3359

■ 123.8540, -5.3510,
-10.3960

■ 64.1110, 22.1303,
41.9987

■ 130.3110, -8.5343,
-16.0587

■ 57.5400, 24.8768,
47.7614

■ 136.8820,
-11.2808, -21.8215

■ 51.0830, 28.0601,
53.4242


■ 143.3390,
-14.4641, -27.4843

■ 45.8000, 30.6646,

■ 150.4970,

58.0574

-17.5000, -33.7619

 156.9540,
-20.6833, -39.4247

Harmonies

Analogous

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



96.2030, 12.2249, -1.0550



97.2110, 6.7980, 12.9700



96.8440, 0.0769, 22.0618

Triad

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



97.2110, 6.7980, 12.9700



94.1080, -13.8572, 11.3063



87.9080, 9.4124, -32.3683

Complementary

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



97.2110, 6.7980, 12.9700



101.7890, -6.7980, -12.9700

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.



88.7040, 2.1179, -26.0504



97.2110, 6.7980, 12.9700



92.9000, -11.7827, -0.7893

Square

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



97.2110, 6.7980, 12.9700



95.6190, -12.1372, 19.6281



90.7180, -5.7770, -13.7847



89.8960, 14.3483, -28.8498

Rectangle

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



97.2110, 6.7980, 12.9700



96.3020, -4.5859, 24.2911



90.7180, -5.7770, -13.7847



87.7510, 7.5178, -31.3536

Sweetspot

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



97.2110, 6.7980, 12.9700



139.1300, 2.8939, 5.1480



90.1490, 10.7725, -1.8847



70.4780, 1.7363, 3.0888



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



97.2110, 6.7980, 12.9700



121.9930, 10.8495, 20.1771



95.8430, 1.5564, 14.1697



52.4780, 1.7363, 3.0888



48.9900, 32.5429, 62.2758



100.8710, 67.1116, 128.1551

Inverse Universe

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



97.2110, 6.7980, 12.9700



121.9930, 10.8495, 20.1771



103.1570, -1.5564, -14.1697



52.4780, 1.7363, 3.0888



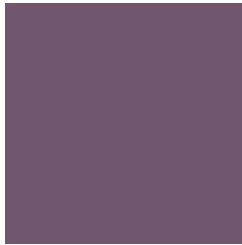
48.9900, 32.5429, 62.2758



100.8710, 67.1116, 128.1551

Previews

White Background



This preview shows how the YUV color 97.2110, 6.7980, 12.9700 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 97.2110, 6.7980, 12.9700 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 97.2110, 6.7980, 12.9700

Background



This preview shows how black text looks on a background with the YUV color 97.2110, 6.7980, 12.9700.



This preview shows how white text looks on a background with the YUV color 97.2110, 6.7980,

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

97.2110, 6.7980, 12.9700

Protanopia

95.3120, 10.1992, -4.6586

Deuteranopia

96.1340, 6.8359, 0.7595



Tritanopia

96.7780, 0.1094, 11.5957

Trichromacy



Original Color

97.2110, 6.7980, 12.9700

Protanomaly

95.7150, 9.0145, 2.0039

Deuteranomaly

96.4550, 6.6777, 4.8630

Tritanomaly

97.0600, 2.4354, 12.2254

Monochromacy



Original Color

97.2110, 6.7980, 12.9700

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2110, 6.7980, 12.9700 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(112, 87, 111)` looks like.

```
.text, #text, p{  
    color:rgb(112, 87, 111)  
}
```

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(112, 87, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 87, 111) }
```

Border

The CSS property to change the border of an element to YUV 97.2110, 6.7980, 12.9700 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(112, 87, 111) }
```


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

```
.border{ border-color:rgb(112, 87, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 87, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 87, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 87, 111);  
box-shadow:4px 4px 4px 4px rgb(112, 87,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 97.2110, 6.7980, 12.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 87, 111) }
```

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

```
.background{ background-color: rgb(112, 87,  
111) }
```

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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