

Converting Colors

YUV(78.0990, -6.9508, -10.6108)

Have a look what the booklet for
YUV(78.0990, -6.9508, -10.6108)
contains.

YUV(78.0990, -6.9508, -10.6108)	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(78.0990, -6.9508,
-10.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	425740
RGB	66, 87, 64
RGB Percent	26%, 34%, 25%
CMY	0.7412, 0.6588, 0.7490
CMYK	0.24, 0.00, 0.26, 0.66
HSL	115°, 15%, 30%
HSV	115°, 26%, 34%
XYZ	6.5804, 8.3448, 6.1144
YIQ	78.0990, -5.1330, -11.6050

Conversions

Conversions Part 2

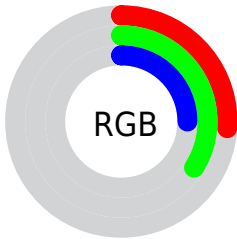
Format	Color
RYB	64, 87, 85
Decimal	4347712
CIELab	34.69, -13.19, 10.81
CIELCh	35, 17.051, 140.656
Yxy	8.3448, 0.3128, 0.3966
Android (android.graphics.Color)	4282537792 (0xFF425740)
YUV	78.0990, -6.9508, -10.6108
Hunter-Lab	28.8874, -9.8917, 7.6717

Details

The YUV color **78.0990, -6.9508, -10.6108** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.9010, 6.9508, 10.6108**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2730, -7.5296, -11.6404**, and **33.6260, -6.2246, -10.1960** is the 20% darker color. If you saturate the color by 10%, you get **74.6810, -9.7027, -14.6292**, and if you desaturate by 10%, it is **81.5170, -4.1989, -6.5924**.

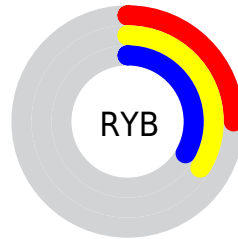
Distribution



Red (26%)

Green (34%)

Blue (25%)



Red (25%)

Yellow (34%)

Blue (33%)

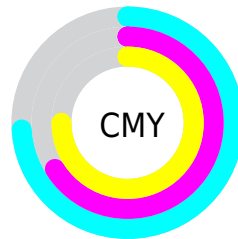


Cyan (24%)

Magenta (0%)

Yellow (26%)

Black (66%)



Cyan (74%)

Magenta (66%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.0990, -6.9508, -10.6108 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 78.0990, -6.9508, -10.6108 by changing the saturation by 10% instead.

■ 78.0990, -6.9508,
-10.6108

■ 78.0990, -6.9508,
-10.6108

■ 255.0000, 0.0000,
0.0000

■ 55.2130, -6.5140,
-10.7108

■ 127.2730, -7.5296,
-11.6404

■ 33.6260, -6.2246,
-10.1960

■ 153.1590, -7.9664,
-11.5404

■ 12.9140, -6.3666,
-11.3256

■ 180.1590, -7.9664,
-11.5404

■ 0.0000, 0.0000,
0.0000

■ 207.7460, -8.2558,
-12.0552

■ 236.2190, -8.9820,
-12.4701

■ 252.5930, -2.7573,

-2.2741

■ 78.0990, -6.9508,
-10.6108

■ 78.0990, -6.9508,
-10.6108

■ 74.6810, -9.7027,
-14.6292

■ 81.5170, -4.1989,
-6.5924

■ 71.3770, -12.0179,
-18.7476

■ 84.8210, -1.8838,
-2.4740

■ 67.9590, -14.7698,
-22.7660

■ 88.2390, 0.8682,
1.5444

■ 64.5410, -17.5217,
-26.7845

■ 91.6570, 3.6201,
5.5628

■ 61.1230, -20.2736,
-30.8029

■ 95.0750, 6.3720,
9.5812

■ 57.8190, -22.5888,
-34.9213

■ 98.3790, 8.6872,
13.6996

■ 54.4010, -25.3407,
-38.9397

■ 101.7970, 11.4391,
17.7180

■ 53.4610, -26.3563,
-39.8693

■ 105.2150, 14.1910,
21.7364

■ 108.2200, 16.6535,
25.2401

Harmonies

Analogous

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



80.2100, -11.9355, 1.5698



78.0990, -6.9508, -10.6108



76.2700, 0.3599, -22.1618

Triad

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



78.0990, -6.9508, -10.6108



78.9620, 14.3157, -18.3837



83.1770, -5.0173, 22.6468

Complementary

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



78.0990, -6.9508, -10.6108



72.9010, 6.9508, 10.6108

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.



83.7620, 1.1033, 19.5027



78.0990, -6.9508, -10.6108



82.4800, 12.0884, -3.9290

Square

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



78.0990, -6.9508, -10.6108



75.2550, 13.1853, -29.1646



83.7160, 7.5350, 9.8961



82.3740, -10.5374, 19.8430

Rectangle

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



78.0990, -6.9508, -10.6108



74.6050, 5.6177, -28.5946



83.7160, 7.5350, 9.8961



83.6330, -3.2701, 22.2469

Sweetspot

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



78.0990, -6.9508, -10.6108



108.5820, -2.7519, -4.0184



83.2040, -9.4676, 3.3291



53.8210, -1.8838, -2.4740



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



78.0990, -6.9508, -10.6108



98.0290, -10.8603, -16.6884



78.5270, -2.7248, -12.7402



41.3480, -1.1576, -2.0592



65.5000, -32.2915, -49.5505



143.9250, -70.9550, -108.6822

Inverse Universe

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



72.9010, 6.9508, 10.6108



89.9710, 10.8603, 16.6884



72.4730, 2.7248, 12.7402



40.6520, 1.1576, 2.0592



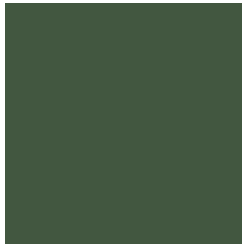
41.5000, 32.2915, 49.5505



90.7760, 71.1024, 108.0674

Previews

White Background



This preview shows how the YUV color 78.0990, -6.9508, -10.6108 looks on a white background.

Color Contrast Check

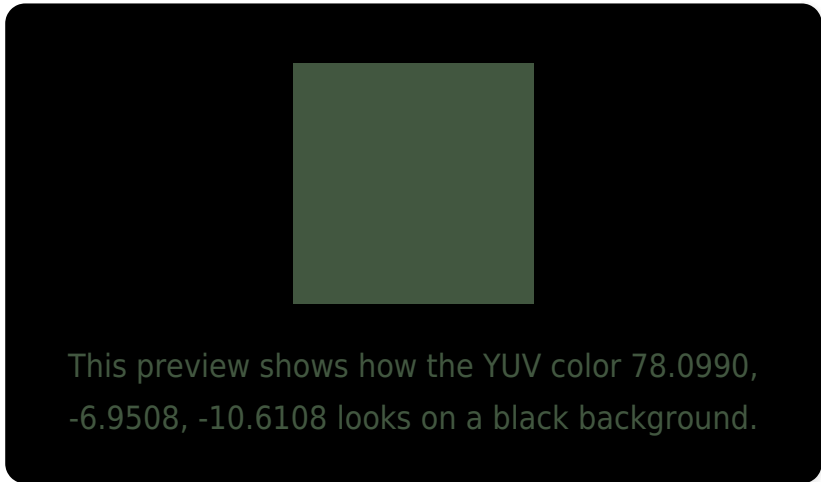
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

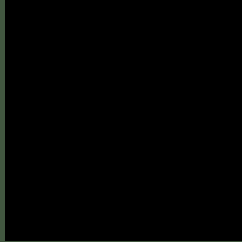
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.0990, -6.9508, -10.6108

Background



This preview shows how black text looks on a background with the YUV color 78.0990, -6.9508, -10.6108.



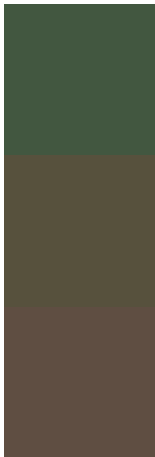
This preview shows how white text looks on a background with the YUV color 78.0990, -6.9508, -10.6108.

-10.6108.

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

78.0990, -6.9508, -10.6108

Protanopia

80.5140, -9.6204, 5.6882

Deuteranopia

81.7150, -7.7475, 11.6509



Tritanopia

80.7970, 4.5371, -8.5920

Trichromacy



Original Color

78.0990, -6.9508, -10.6108

Protanomaly

79.4100, -8.5831, -0.3596

Deuteranomaly

80.0730, -7.4310, 3.4440

Tritanomaly

79.7600, 0.6113, -9.4365

Monochromacy



Original Color

78.0990, -6.9508, -10.6108

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0990, -6.9508, -10.6108 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(66, 87, 64)` looks like.

```
.text, #text, p{  
    color:rgb(66, 87, 64)  
}
```

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(66, 87, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 87, 64) }
```

Border

The CSS property to change the border of an element to YUV 78.0990, -6.9508, -10.6108 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(66, 87, 64) }
```


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

```
.border{ border-color:rgb(66, 87, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 87, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 87, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 87, 64);  
box-shadow:4px 4px 4px 4px rgb(66, 87, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.0990, -6.9508, -10.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 87, 64) }
```

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

```
.background{ background-color: rgb(66, 87,  
64) }
```

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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