

Converting Colors

YUV(98.1620, -12.4049,
12.1359)

Have a look what the booklet for
YUV(98.1620, -12.4049, 12.1359)
contains.

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Color

**YUV(98.1620, -12.4049,
12.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	706049
RGB	112, 96, 73
RGB Percent	44%, 38%, 29%
CMY	0.5608, 0.6235, 0.7137
CMYK	0.00, 0.14, 0.35, 0.56
HSL	35°, 21%, 36%
HSV	35°, 35%, 44%
XYZ	12.0676, 12.2915, 8.0398
YIQ	98.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

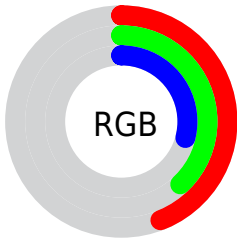
Format	Color
R_{YB}	100, 112, 73
Decimal	7364681
CIE Lab	41.68, 2.70, 15.54
CIE LCh	42, 15.768, 80.140
Yxy	12.2915, 0.3725, 0.3794
Android (android.graphics.Color)	4285554761 (0xFF706049)
YUV	98.1620, -12.4049, 12.1359
Hunter-Lab	35.0593, 0.0868, 10.9451

Details

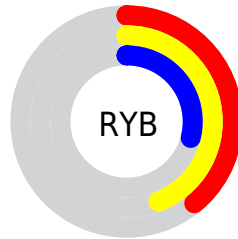
The YUV color $98.1620, -12.4049, 12.1359$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $86.8380, 12.4049, -12.1359$, and the grayscale version is $98.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $148.6460, -13.1365, 13.4655$, and $51.4930, -11.0890, 10.0916$ is the 20% darker color. If you saturate the color by 10%, you get $93.9730, -15.7627, 15.8097$, and if you desaturate by 10%, it is $102.3510, -9.0470, 8.4622$.

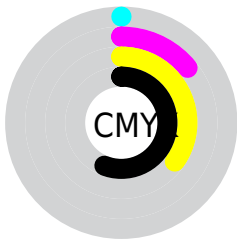
Distribution



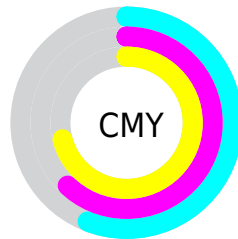
- Red (44%)
- Green (38%)
- Blue (29%)



- Red (39%)
- Yellow (44%)
- Blue (29%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1620, -12.4049, 12.1359 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 98.1620, -12.4049, 12.1359 by changing the saturation by 10% instead.

■ 98.1620, -12.4049,
12.1359

■ 98.1620, -12.4049,
12.1359

■ 255.0000, 0.0000,
0.0000

■ 73.9770, -11.8207,
11.4212

■ 148.6460,
-13.1365, 13.4655

■ 51.4930, -11.0890,
10.0916

■ 175.8310,
-13.7207, 14.1802

■ 29.8520, -12.2520,
9.7768

■ 203.0160,
-14.3049, 14.8950

■ 7.1320, -3.5161,
7.7772

■ 231.3150,
-14.4523, 15.5097

■ 0.0000, 0.0000,
0.0000

■ 252.1500,
-10.9200, 2.4994

■ 98.1620, -12.4049,
12.1359

■ 98.1620, -12.4049,
12.1359

■ 93.9730, -15.7627,
15.8097

■ 102.3510, -9.0470,
8.4622

■ 90.3710, -19.4099,
18.9686

■ 105.9530, -5.3998,
5.3032

■ 86.0680, -23.2045,
22.7424

■ 110.2560, -1.6052,
1.5295

■ 82.4660, -26.8517,
25.9013

■ 113.8580, 2.0420,
-1.6295

■ 78.2770, -30.2096,
29.5751

■ 118.0470, 5.3998,
-5.3032

■ 74.0880, -33.5674,
33.2488

■ 122.2360, 8.7577,
-8.9770

■ 72.2300, -35.6094,
34.8783

■ 125.8380, 12.4049,
-12.1359

■ 130.1410, 16.1995,

-15.9097

■ 133.7430, 19.8467,
-19.0686

Harmonies

Analogous

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



99.1890, -9.9532, 19.1282



98.1620, -12.4049, 12.1359



96.7370, -11.2093, 1.9847

Triad

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



98.1620, -12.4049, 12.1359



92.9580, 6.9227, -27.1502



100.3030, 7.2456, 9.3813

Complementary

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



98.1620, -12.4049, 12.1359



86.8380, 12.4049, -12.1359

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.



98.7790, 11.9410, -3.3142



98.1620, -12.4049, 12.1359



93.6360, 12.0115, -25.9908

Square

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



98.1620, -12.4049, 12.1359



93.1670, -0.0823, -20.3175



96.4460, 13.5841, -17.0541



100.1640, 1.3981, 18.2732

Rectangle

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



98.1620, -12.4049, 12.1359



95.9640, -8.8563, -6.1074



96.4460, 13.5841, -17.0541



100.3240, 8.7143, 4.9779

Sweetspot

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



98.1620, -12.4049, 12.1359



139.8820, -4.3788, 4.4885



86.4850, 1.2399, 22.3767



70.6260, -2.7736, 2.9590



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.



98.1620, -12.4049, 12.1359



123.3710, -19.4099, 18.9686



106.6570, -16.5929, 2.0548



54.1420, -2.0420, 1.6295



77.5570, -38.2356, 37.2225



159.5550, -78.6606, 76.6893

Inverse Universe

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



86.8380, 12.4049, -12.1359



105.6290, 19.4099, -18.9686



78.3430, 16.5929, -2.0548



52.4450, 1.7526, -2.1443



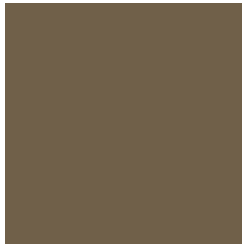
42.4430, 38.2356, -37.2225



87.4450, 78.6606, -76.6893

Previews

White Background



This preview shows how the YUV color 98.1620, -12.4049, 12.1359 looks on a white background.

Color Contrast Check

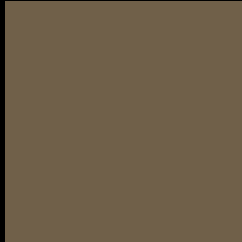
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.1620, -12.4049, 12.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

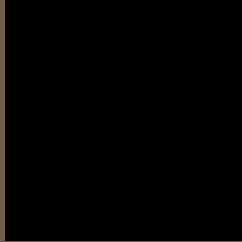
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1620, -12.4049, 12.1359

Background



This preview shows how black text looks on a background with the YUV color 98.1620, -12.4049, 12.1359.



This preview shows how white text looks on a background with the YUV color 98.1620, -12.4049,

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

98.1620, -12.4049, 12.1359

Protanopia

97.3570, -11.5150, 6.7029

Deuteranopia

98.1840, -12.4157, 15.6246



Tritanopia

99.7890, 0.1040, 13.3400

Trichromacy



Original Color

98.1620, -12.4049, 12.1359

Protanomaly

97.6670, -11.6678, 9.0620

Deuteranomaly

98.4720, -12.5577, 14.4951

Tritanomaly

98.9370, -4.4059, 13.2103

Monochromacy



Original Color

98.1620, -12.4049, 12.1359

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1620, -12.4049, 12.1359 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, 96, 73)` looks like.

```
.text, #text, p{  
    color:rgb(112, 96, 73)  
}
```

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, 96, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 96, 73) }
```

Border

The CSS property to change the border of an element to YUV 98.1620, -12.4049, 12.1359 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, 96, 73) }
```


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

```
.border{ border-color:rgb(112, 96, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 96, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 96, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 96, 73);  
box-shadow:4px 4px 4px 4px rgb(112, 96,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 98.1620, -12.4049, 12.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 96, 73) }
```

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

```
.background{ background-color: rgb(112, 96,  
73) }
```

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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