

Converting Colors

YUV(154.3730, -12.5089,
-1.2041)

Have a look what the booklet for
YUV(154.3730, -12.5089, -1.2041)
contains.

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Color

**YUV(154.3730, -12.5089,
-1.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	99A081
RGB	153, 160, 129
RGB Percent	60%, 63%, 51%
CMY	0.4000, 0.3725, 0.4941
CMYK	0.04, 0.00, 0.19, 0.37
HSL	74°, 14%, 57%
HSV	74°, 19%, 63%
XYZ	29.6701, 33.4989, 25.6710
YIQ	154.3730, 5.7790, -11.1250

Conversions

Conversions Part 2

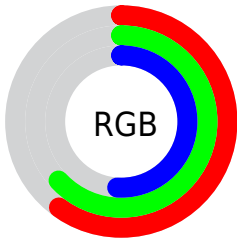
Format	Color
RYB	129, 160, 136
Decimal	10068097
CIELab	64.56, -8.07, 15.35
CIELCh	65, 17.341, 117.747
Yxy	33.4989, 0.3340, 0.3771
Android (android.graphics.Color)	4288258177 (0xFF99A081)
YUV	154.3730, -12.5089, -1.2041
Hunter-Lab	57.8782, -9.7824, 14.2176

Details

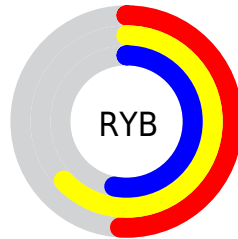
The YUV color $154.3730, -12.5089, -1.2041$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $134.6270, 12.5089, 1.2041$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $208.8460, -13.2351, -1.6189$, and $103.6010, -11.6353, -1.4041$ is the 20% darker color. If you saturate the color by 10%, you get $151.3530, -18.9080, -2.0636$, and if you desaturate by 10%, it is $157.3930, -6.1097, -0.3447$.

Distribution



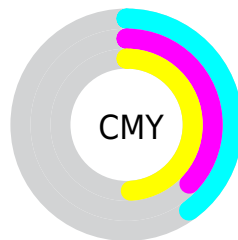
- Red (60%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3730, -12.5089, -1.2041 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 154.3730, -12.5089, -1.2041 by changing the saturation by 10% instead.

■ 154.3730,
-12.5089, -1.2041

■ 154.3730,
-12.5089, -1.2041

■ 255.0000, 0.0000,
0.0000

■ 128.4870,
-12.0721, -1.3041

■ 208.8460,
-13.2351, -1.6189

■ 103.6010,
-11.6353, -1.4041

■ 237.1450,
-13.3825, -1.0042

■ 79.1280, -10.9091,
-0.9893

■ 253.0620, -7.4256,
1.6996

■ 55.9430, -10.3249,
-1.7040

■ 34.3560, -10.0355,
-1.1892

■ 12.6480, -6.2355,
-6.7073

■ 0.0000, 0.0000,

0.0000

■ 154.3730,
-12.5089, -1.2041

■ 154.3730,
-12.5089, -1.2041

■ 151.3530,
-18.9080, -2.0636

■ 157.3930, -6.1097,
-0.3447

■ 148.6320,
-25.4546, -2.3083

■ 160.1140, 0.4368,
-0.1000

■ 145.6120,
-31.8537, -3.1677

■ 163.1340, 6.8359,
0.7595

■ 142.8910,
-38.4003, -3.4124

■ 165.8550, 13.3825,
1.0042

■ 139.8710,
-44.7994, -4.2719

■ 168.8750, 19.7816,
1.8636

■ 136.8510,
-51.1985, -5.1313

■ 171.8950, 26.1808,
2.7231

■ 134.1300,
-57.7451, -5.3760

■ 174.6160, 32.7273,
2.9678

■ 131.1100,
-64.1442, -6.2355

■ 177.4080, 38.2529,
4.0272

■ 130.9960,
-64.5810, -6.1355

■ 178.6040, 37.6632,
6.4863

Harmonies

Analogous

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



156.1790, -14.8782, 12.1210



154.3730, -12.5089, -1.2041



152.5930, -6.2083, -15.4291

Triad

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



154.3730, -12.5089, -1.2041



152.6080, 14.4903, -27.7202



159.6270, -0.8021, 24.0061

Complementary

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



154.3730, -12.5089, -1.2041



134.6270, 12.5089, 1.2041

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.



159.2220, 6.7926, 14.7143



154.3730, -12.5089, -1.2041



155.0270, 15.7627, -15.8097

Square

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



154.3730, -12.5089, -1.2041



150.6200, 9.5543, -31.2387



158.0290, 12.8037, -0.0254



159.1020, -7.9383, 26.2205

Rectangle

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



154.3730, -12.5089, -1.2041



151.2160, -1.0925, -22.9914



158.0290, 12.8037, -0.0254



159.4140, 2.2609, 21.5619

Sweetspot

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



154.3730, -12.5089, -1.2041



206.7350, -4.7994, -0.6446



142.3780, -6.5954, 15.4545



103.4900, -3.1996, -0.4297



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



154.3730, -12.5089, -1.2041



200.2390, -19.3448, -1.9636



149.8880, -10.2978, -10.4258



77.4900, -3.1996, -0.4297



117.1300, -57.7451, -5.3760



12.3930, -6.1097, -0.3447

Inverse Universe

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



134.6270, 12.5089, 1.2041



169.7610, 19.3448, 1.9636



139.1120, 10.2978, 10.4258



72.5100, 3.1996, 0.4297



25.8700, 57.7451, 5.3760



2.6070, 6.1097, 0.3447

Previews

White Background



This preview shows how the YUV color 154.3730, -12.5089, -1.2041 looks on a white 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

Black Background



This preview shows how the YUV color 154.3730, -12.5089, -1.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

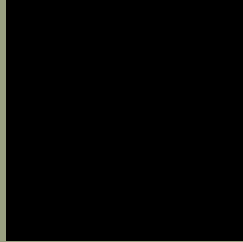
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3730, -12.5089, -1.2041 Background



This preview shows how black text looks on a background with the YUV color 154.3730, -12.5089, -1.2041.



This preview shows how white text looks on a background with the YUV color 154.3730, -12.5089, -1.2041.

-1.2041.

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

154.3730, -12.5089, -1.2041

Protanopia

155.6840, -14.1412, 9.0471

Deuteranopia

156.8040, -12.7214, 20.3429



Tritanopia

157.2650, 4.7994, 0.6446

Trichromacy



Original Color

154.3730, -12.5089, -1.2041

Protanomaly

154.8900, -13.2568, 5.3585

Deuteranomaly

156.0480, -12.8417, 12.2359

Tritanomaly

156.2450, -1.5998, -0.2149

Monochromacy



Original Color

154.3730, -12.5089, -1.2041

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3730, -12.5089, -1.2041 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(153, 160, 129)` looks like.

```
.text, #text, p{  
    color:rgb(153, 160, 129)  
}
```

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(153, 160, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 160, 129) }
```

Border

The CSS property to change the border of an element to YUV 154.3730, -12.5089, -1.2041 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(153, 160, 129) }
```


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

```
.border{ border-color:rgb(153, 160, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 160, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 160, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 160, 129);  
box-shadow:4px 4px 4px 4px rgb(153, 160,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 154.3730, -12.5089, -1.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 160, 129) }
```

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

```
.background{ background-color: rgb(153,  
160, 129) }
```

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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