

Converting Colors

YUV(129.1290, -22.2486,
42.8599)

Have a look what the booklet for
YUV(129.1290, -22.2486, 42.8599)
contains.

YUV(129.1290, -22.2486, 42.8599)	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(129.1290, -22.2486,
42.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	B27154
RGB	178, 113, 84
RGB Percent	70%, 44%, 33%
CMY	0.3020, 0.5569, 0.6706
CMYK	0.00, 0.37, 0.53, 0.30
HSL	19°, 38%, 51%
HSV	19°, 53%, 70%
XYZ	25.8655, 21.9153, 11.2543
YIQ	129.1290, 48.0490, 4.7610

Conversions

Conversions Part 2

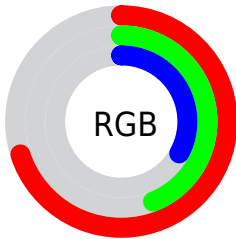
Format	Color
R _Y B	178, 126, 84
Decimal	11694420
CIE Lab	53.94, 22.56, 26.72
CIE LCh	54, 34.971, 49.824
Yxy	21.9153, 0.4381, 0.3712
Android (android.graphics.Color)	4289884500 (0xFFB27154)
YUV	129.1290, -22.2486, 42.8599
Hunter-Lab	46.8138, 16.7003, 18.5160

Details

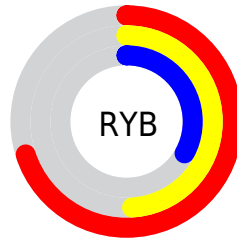
The YUV color **129.1290, -22.2486, 42.8599** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **132.8710, 22.2486, -42.8599**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6950, -24.0066, 46.7485**, and **78.3780, -19.9064, 38.2565** is the 20% darker color. If you saturate the color by 10%, you get **120.0330, -26.6383, 50.8371**, and if you desaturate by 10%, it is **138.2250, -17.8589, 34.8827**.

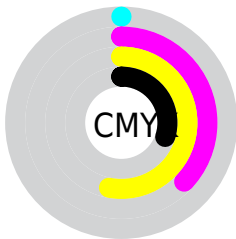
Distribution



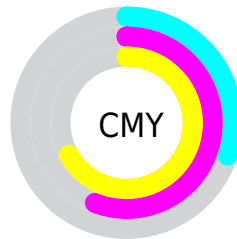
- Red (70%)
- Green (44%)
- Blue (33%)



- Red (70%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (37%)
- Yellow (53%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.1290, -22.2486, 42.8599 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 129.1290, -22.2486, 42.8599 by changing the saturation by 10% instead.

■ 129.1290,
-22.2486, 42.8599

■ 129.1290,
-22.2486, 42.8599

■ 255.0000, 0.0000,
0.0000

■ 103.4600,
-20.9328, 40.8156

■ 182.6950,
-24.0066, 46.7485

■ 78.3780, -19.9064,
38.2565

■ 207.7760,
-23.5536, 41.4154

■ 54.4100, -18.4431,
35.5974

■ 227.2900,
-19.8630, 24.3017

■ 31.7840, -15.6695,
32.6384

■ 246.9180,
-15.7356, 7.0879

■ 13.1560, -6.4859,
27.0502

■ 253.7460, -4.8048,
1.0998

■ 0.0000, 0.0000,
0.0000

■ 129.1290,
-22.2486, 42.8599

■ 129.1290,
-22.2486, 42.8599

■ 120.0330,
-26.6383, 50.8371

■ 138.2250,
-17.8589, 34.8827

■ 110.3500,
-30.7385, 59.3291

■ 147.9080,
-13.7586, 26.3907

■ 101.3680,
-34.6914, 67.2063

■ 156.8900, -9.8058,
18.5135

■ 92.2720, -39.0811,
75.1835

■ 165.9860, -5.4161,
10.5363

■ 85.5070, -42.1550,
81.1164

■ 175.6690, -1.3158,
2.0443

■ 184.7650, 3.0739,
-5.9329

■ 193.8610, 7.4635,
-13.9101

■ 202.8430, 11.4164,

-21.7873

■ 212.5260, 15.5167,
-30.2793

Harmonies

Analogous

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



130.6750, -10.1928, 49.3970



129.1290, -22.2486, 42.8599



127.5970, -28.8883, 25.7864

Triad

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



129.1290, -22.2486, 42.8599



112.5170, 2.2101, -55.7044



129.2630, 27.9713, -11.6317

Complementary

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



129.1290, -22.2486, 42.8599



132.8710, 22.2486, -42.8599

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.



118.6170, 34.2058, -51.4071



129.1290, -22.2486, 42.8599



101.9870, 22.6844, -89.4426

Square

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



129.1290, -22.2486, 42.8599



120.1330, -15.3486, -23.7956



103.1900, 34.9093, -90.4976



133.0130, 17.2486, 21.0366

Rectangle

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



129.1290, -22.2486, 42.8599



125.3240, -28.2607, 11.1169



103.1900, 34.9093, -90.4976



127.0550, 30.0459, -23.7272

Sweetspot

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



129.1290, -22.2486, 42.8599



212.5200, -8.6374, 17.0840



119.6300, 14.9724, 51.1905



105.6870, -5.2687, 9.9215



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



129.1290, -22.2486, 42.8599



156.0690, -34.5440, 66.5915



156.1310, -35.5606, 19.1791



84.4520, -2.1948, 3.9886



73.3360, -36.1546, 69.8653



12.4700, -6.1477, 11.8658

Inverse Universe

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



132.8710, 22.2486, -42.8599



161.9310, 34.5440, -66.5915



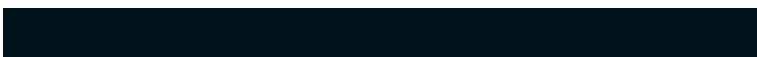
105.8690, 35.5606, -19.1791



84.5480, 2.1948, -3.9886



79.6640, 36.1546, -69.8653



13.5300, 6.1477, -11.8658

Previews

White Background



This preview shows how the YUV color 129.1290, -22.2486, 42.8599 looks on a white 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

Black Background



This preview shows how the YUV color 129.1290, -22.2486, 42.8599 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 × Fail

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

YUV 129.1290, -22.2486, 42.8599

Background



This preview shows how black text looks on a background with the YUV color 129.1290, -22.2486, 42.8599.



This preview shows how white text looks on a background with the YUV color 129.1290, -22.2486,

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

129.1290, -22.2486, 42.8599

Protanopia

127.9570, -18.2198, 10.5617

Deuteranopia

128.7800, -23.0625, 23.8719



Tritanopia

131.4400, -7.1189, 43.4641

Trichromacy



Original Color

129.1290, -22.2486, 42.8599

Protanomaly

128.2790, -19.8575, 22.5573

Deuteranomaly

128.9380, -22.6474, 30.7494

Tritanomaly

130.3600, -12.5025, 43.5343

Monochromacy



Original Color

129.1290, -22.2486, 42.8599

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0360, -7.9057, 15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.1290, -22.2486, 42.8599 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(178, 113, 84)` looks like.

```
.text, #text, p{  
    color:rgb(178, 113, 84)  
}
```

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(178, 113, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 113, 84) }
```

Border

The CSS property to change the border of an element to YUV 129.1290, -22.2486, 42.8599 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(178, 113, 84) }
```


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

```
.border{ border-color:rgb(178, 113, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 113, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 113, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 113, 84);  
box-shadow:4px 4px 4px 4px rgb(178, 113,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 129.1290, -22.2486, 42.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 113, 84) }
```

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

```
.background{ background-color: rgb(178,  
113, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor