

Converting Colors

YUV(121.2150, -29.6860,
1.5654)

Have a look what the booklet for
YUV(121.2150, -29.6860, 1.5654)
contains.

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Color

**YUV(121.2150, -29.6860,
1.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	7B843D
RGB	123, 132, 61
RGB Percent	48%, 52%, 24%
CMY	0.5176, 0.4824, 0.7608
CMYK	0.07, 0.00, 0.54, 0.48
HSL	68°, 37%, 38%
HSV	68°, 54%, 52%
XYZ	17.2619, 21.0504, 7.5682
YIQ	121.2150, 17.4270, -23.9890

Conversions

Conversions Part 2

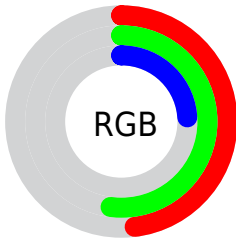
Format	Color
R_{YB}	61, 132, 70
Decimal	8094781
CIE _{Lab}	53.00, -14.28, 36.74
CIE _{LCh}	53, 39.419, 111.241
Yxy	21.0504, 0.3762, 0.4588
Android (android.graphics.Color)	4286284861 (0xFF7B843D)
YUV	121.2150, -29.6860, 1.5654
Hunter-Lab	45.8807, -13.1333, 22.3364

Details

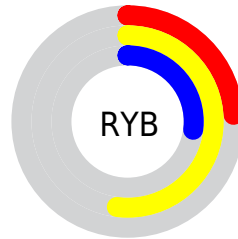
The YUV color $121.2150, -29.6860, 1.5654$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $71.7850, 29.6860, -1.5654$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.1720, -31.1438, 2.4802$, and $71.6170, -29.3912, 0.3359$ is the 20% darker color. If you saturate the color by 10%, you get $119.1350, -35.0696, 1.6356$, and if you desaturate by 10%, it is $123.2950, -24.3024, 1.4953$.

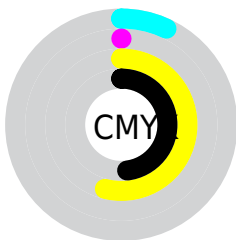
Distribution



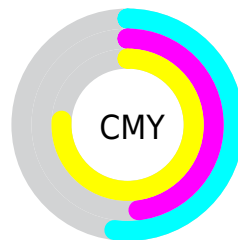
- Red (48%)
- Green (52%)
- Blue (24%)



- Red (24%)
- Yellow (52%)
- Blue (27%)



- Cyan (7%)
- Magenta (0%)
- Yellow (54%)
- Black (48%)



- Cyan (52%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2150, -29.6860, 1.5654 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 121.2150, -29.6860, 1.5654 by changing the saturation by 10% instead.

■ 121.2150,
-29.6860, 1.5654

■ 121.2150,
-29.6860, 1.5654

■ 255.0000, 0.0000,
0.0000

■ 96.0300, -29.1018,
0.8507

■ 174.1720,
-31.1438, 2.4802

■ 71.6170, -29.3912,
0.3359

■ 201.9440,
-32.0174, 2.6801

■ 49.8710, -24.5864,
-0.7639

■ 230.0150,
-33.0384, 3.4948

■ 29.7810, -14.6820,
-4.1929

■ 247.7040,
-27.9551, 6.3986

■ 10.5660, -5.2090,
-9.2664

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 121.2150,
-29.6860, 1.5654

■ 121.2150,
-29.6860, 1.5654

■ 119.1350,
-35.0696, 1.6356

■ 123.2950,
-24.3024, 1.4953

■ 117.3540,
-40.6005, 2.3205

■ 125.0760,
-18.7715, 0.8103

■ 115.1600,
-46.4209, 2.4907

■ 127.2700,
-12.9511, 0.6402

■ 113.0800,
-51.8044, 2.5608

■ 129.3500, -7.5675,
0.5701

■ 111.8690,
-55.1514, 2.7459

■ 131.1310, -2.0366,
-0.1149

■ 133.2110, 3.3470,
-0.1850

■ 135.2910, 8.7305,
-0.2552

■ 137.1860, 14.6983,
-1.0401

■ 139.2660, 20.0819,
-1.1103

Harmonies

Analogous

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



123.9840, -32.5301, 27.2010



121.2150, -29.6860, 1.5654



115.8720, -16.2059, -28.8287

Triad

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



121.2150, -29.6860, 1.5654



103.1730, 37.3827, -90.4827



128.8610, 4.5055, 48.3569

Complementary

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



121.2150, -29.6860, 1.5654



71.7850, 29.6860, -1.5654

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.



130.2030, 19.1269, 25.2550



121.2150, -29.6860, 1.5654



111.4350, 40.2115, -64.4025

Square

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



121.2150, -29.6860, 1.5654



101.6280, 23.8474, -89.1278



127.0610, 31.0289, -12.3315



127.6650, -11.6668, 55.5448

Rectangle

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



121.2150, -29.6860, 1.5654



109.2630, -2.5947, -54.6047



127.0610, 31.0289, -12.3315



129.4950, 9.6160, 42.5389

Sweetspot

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



121.2150, -29.6860, 1.5654



166.7260, -11.2039, 0.2403



86.9250, -12.7810, 39.5308



84.4640, -7.1308, 0.4701



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



121.2150, -29.6860, 1.5654



154.1600, -46.4209, 2.4907



110.7500, -24.5267, -19.9518



65.0170, -2.4734, -0.0149



110.3960, -54.4252, 3.1607



2.3590, -1.1630, -0.3148

Inverse Universe

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



71.7850, 29.6860, -1.5654



76.8400, 46.4209, -2.4907



82.2500, 24.5267, 19.9518



60.9830, 2.4734, 0.0149



19.6040, 54.4252, -3.1607



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 121.2150, -29.6860, 1.5654 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 121.2150, -29.6860, 1.5654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

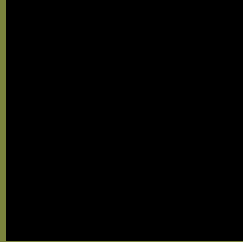
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.2150, -29.6860, 1.5654

Background



This preview shows how black text looks on a background with the YUV color 121.2150, -29.6860, 1.5654.



This preview shows how white text looks on a background with the YUV color 121.2150, -29.6860,

1.5654.

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

121.2150, -29.6860, 1.5654

Protanopia

123.1350, -31.6186, 14.7906

Deuteranopia

124.0810, -29.6199, 27.1160



Tritanopia

127.2330, 3.3361, 3.3037

Trichromacy



Original Color

121.2150, -29.6860, 1.5654

Protanomaly

122.6290, -30.8761, 9.9724

Deuteranomaly

122.7270, -29.4454, 17.7794

Tritanomaly

125.0190, -8.8834, 2.6143

Monochromacy



Original Color

121.2150, -29.6860, 1.5654

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1390, -10.9145, 0.7551

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2150, -29.6860, 1.5654 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(123, 132, 61)` looks like.

```
.text, #text, p{  
    color:rgb(123, 132, 61)  
}
```

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(123, 132, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 132, 61) }
```

Border

The CSS property to change the border of an element to YUV 121.2150, -29.6860, 1.5654 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(123, 132, 61) }
```


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

```
.border{ border-color:rgb(123, 132, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 132, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 132, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 132, 61);  
box-shadow:4px 4px 4px 4px rgb(123, 132,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 121.2150, -29.6860, 1.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 132, 61) }
```

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

```
.background{ background-color: rgb(123,  
132, 61) }
```

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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