

Converting Colors

YUV(121.2480, -13.4333,
-78.2705)

Have a look what the booklet for
YUV(121.2480, -13.4333, -78.2705)
contains.

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Color

**YUV(121.2480, -13.4333,
-78.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	20AC5E
RGB	32, 172, 94
RGB Percent	13%, 67%, 37%
CMY	0.8745, 0.3255, 0.6314
CMYK	0.81, 0.00, 0.45, 0.33
HSL	147°, 69%, 40%
HSV	147°, 81%, 67%
XYZ	17.3686, 30.6203, 15.5846
YIQ	121.2480, -58.4020, -53.9380

Conversions

Conversions Part 2

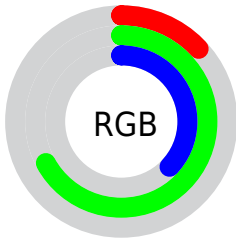
Format	Color
RYB	32, 129, 172
Decimal	2141278
CIELab	62.19, -53.27, 30.18
CIELCh	62, 61.230, 150.464
Yxy	30.6203, 0.2732, 0.4817
Android (android.graphics.Color)	4280331358 (0xFF20AC5E)
YUV	121.2480, -13.4333, -78.2705
Hunter-Lab	55.3356, -40.8102, 22.0366

Details

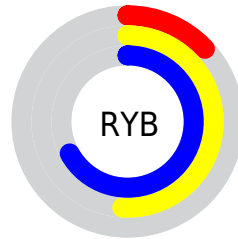
The YUV color **121.2480, -13.4333, -78.2705** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **82.7520, 13.4333, 78.2705**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4510, -17.9703, -69.6785**, and **74.5100, -14.0554, -65.3453** is the 20% darker color. If you saturate the color by 10%, you get **115.0250, -15.2953, -87.7219**, and if you desaturate by 10%, it is **127.4710, -11.5712, -68.8191**.

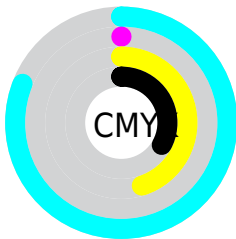
Distribution



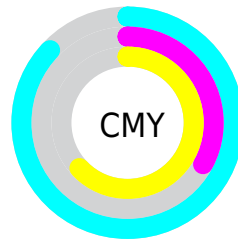
- Red (13%)
- Green (67%)
- Blue (37%)



- Red (13%)
- Yellow (51%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (45%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2480, -13.4333, -78.2705 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 121.2480, -13.4333, -78.2705 by changing the saturation by 10% instead.

■ 121.2480,
-13.4333, -78.2705

■ 121.2480,
-13.4333, -78.2705

■ 255.0000, 0.0000,
0.0000

■ 93.0950, -11.3858,
-81.6443

■ 181.4510,
-17.9703, -69.6785

■ 74.5100, -14.0554,
-65.3453

■ 208.7610,
-18.1232, -67.3194

■ 56.5120, -17.0144,
-49.5610

■ 220.6240,
-10.1676, -52.2902

■ 39.9160, -19.6786,
-35.0063

■ 232.7860, -2.3595,
-36.6463

■ 27.0020, -13.3120,
-23.6808

■ 244.8340, 5.0118,
-20.9024

■ 8.2180, -4.0515,
-7.2072

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 121.2480,
-13.4333, -78.2705

■ 121.2480,
-13.4333, -78.2705

■ 115.0250,
-15.2953, -87.7219

■ 127.4710,
-11.5712, -68.8191

■ 109.6280,
-16.5786, -96.1438

■ 133.5800,
-10.1459, -59.2677

■ 140.1020, -8.4313,
-49.2015

■ 146.2110, -7.0060,
-39.6500

■ 152.4340, -5.1440,
-30.1986

■ 158.5430, -3.7187,
-20.6472

■ 164.7660, -1.8566,
-11.1958

■ 171.2880, -0.1420,
-1.1296

■ 177.3970, 1.2833,
8.4218

Harmonies

Analogous

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



137.9300, -44.3355, -13.0936



121.2480, -13.4333, -78.2705



120.2980, 14.1501, -105.5013

Triad

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



121.2480, -13.4333, -78.2705



120.6420, 66.2385, -105.8030



146.6490, -23.9840, 86.2538

Complementary

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



121.2480, -13.4333, -78.2705



82.7520, 13.4333, 78.2705

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.



148.4080, 1.7709, 85.5882



121.2480, -13.4333, -78.2705



152.7970, 44.9631, -1.5760

Square

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



121.2480, -13.4333, -78.2705



127.0190, 57.6716, -111.3957



153.6980, 25.2919, 54.6389



146.4850, -45.5951, 64.4727

Rectangle

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



121.2480, -13.4333, -78.2705



124.6300, 30.7484, -109.3005



153.6980, 25.2919, 54.6389



146.6630, -15.1169, 88.8725

Sweetspot

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



121.2480, -13.4333, -78.2705



204.7330, -5.2914, -29.5838



137.8010, -52.1599, -23.5045



100.3800, -3.1453, -17.8733



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



121.2480, -13.4333, -78.2705



144.3120, -20.8598, -123.0536



129.1140, 16.7058, -85.1690



83.7390, -0.8573, -5.0331



95.6880, -14.1432, -83.9184



14.6410, -2.2880, -12.8402

Inverse Universe

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



82.7520, 13.4333, 78.2705



83.8020, 21.2966, 122.9536



74.8860, -16.7058, 85.1690



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 121.2480, -13.4333, -78.2705 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 121.2480, -13.4333, -78.2705 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 121.2480, -13.4333, -78.2705 Background



This preview shows how black text looks on a background with the YUV color 121.2480, -13.4333, -78.2705.



This preview shows how white text looks on a background with the YUV color 121.2480, -13.4333, -78.2705.

-78.2705.

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

121.2480, -13.4333, -78.2705

Protanopia

146.3030, -29.7294, 15.5203

Deuteranopia

148.6770, -23.5048, 25.7163



Tritanopia

136.6750, 19.3872, -58.4740

Trichromacy



Original Color

121.2480, -13.4333, -78.2705



Protanomaly

136.9890, -23.6586, -18.4074



Deuteranomaly

138.9450, -20.1859, -12.2298



Tritanomaly

130.8300, 7.4788, -65.6259

Monochromacy



Original Color

121.2480, -13.4333, -78.2705



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.4450, -5.1494, -28.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2480, -13.4333, -78.2705 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(32, 172, 94)` looks like.

```
.text, #text, p{  
    color:rgb(32, 172, 94)  
}
```

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(32, 172, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 172, 94) }
```

Border

The CSS property to change the border of an element to YUV 121.2480, -13.4333, -78.2705 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(32, 172, 94) }
```


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

```
.border{ border-color:rgb(32, 172, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 172, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 172, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 172, 94);  
box-shadow:4px 4px 4px 4px rgb(32, 172,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 121.2480, -13.4333, -78.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 172, 94) }
```

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

```
.background{ background-color: rgb(32, 172,  
94) }
```

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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