

Converting Colors

YUV(133.3170, 29.4237,
-10.8020)

Have a look what the booklet for
YUV(133.3170, 29.4237, -10.8020)
contains.

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Color

**YUV(133.3170, 29.4237,
-10.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	7980C1
RGB	121, 128, 193
RGB Percent	47%, 50%, 76%
CMY	0.5255, 0.4980, 0.2431
CMYK	0.37, 0.34, 0.00, 0.24
HSL	234°, 37%, 62%
HSV	234°, 37%, 76%
XYZ	25.2300, 23.3535, 53.6300
YIQ	133.3170, -25.0370, 18.7310

Conversions

Conversions Part 2

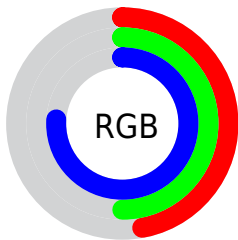
Format	Color
RYB	121, 127, 193
Decimal	7962817
CIELab	55.43, 13.43, -34.78
CIELCh	55, 37.287, 291.112
Yxy	23.3535, 0.2468, 0.2285
Android (android.graphics.Color)	4286152897 (0xFF7980C1)
YUV	133.3170, 29.4237, -10.8020
Hunter-Lab	48.3255, 8.6223, -31.9702

Details

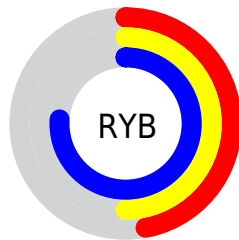
The YUV color **133.3170, 29.4237, -10.8020** is a light color, and the websafe version is hex **666699**. A complement of this color would be **180.6830, -29.4237, 10.8020**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3710, 30.8761, -9.9724**, and **82.5510, 27.8294, -12.7612** is the 20% darker color. If you saturate the color by 10%, you get **117.6570, 37.1441, -13.7312**, and if you desaturate by 10%, it is **148.9770, 21.7033, -7.8728**.

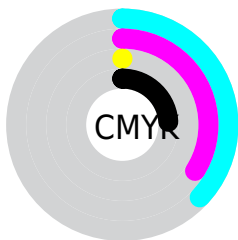
Distribution



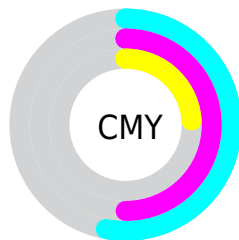
- Red (47%)
- Green (50%)
- Blue (76%)



- Red (47%)
- Yellow (50%)
- Blue (76%)



- Cyan (37%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3170, 29.4237, -10.8020 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 133.3170, 29.4237, -10.8020 by changing the saturation by 10% instead.

■ 133.3170, 29.4237,
-10.8020

■ 133.3170, 29.4237,
-10.8020

255.0000, 0.0000,
0.0000

■ 107.7900, 28.6975,
-11.2168

■ 187.3710, 30.8761,
-9.9724

■ 82.5510, 27.8294,
-12.7612

■ 212.1620, 21.1191,
-7.1581

■ 58.3120, 26.9612,
-14.3056

■ 236.9700, 8.8888,
-4.3587

■ 33.5670, 26.8355,
-20.6683

■ 16.2150, 24.0510,
-14.2206

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 133.3170, 29.4237,
-10.8020

■ 133.3170, 29.4237,
-10.8020

■ 117.6570, 37.1441,
-13.7312

■ 148.9770, 21.7033,
-7.8728

■ 101.1110, 45.3013,
-16.7603

■ 165.5230, 13.5462,
-4.8437

■ 85.4510, 53.0217,
-19.6895

■ 181.1830, 5.8258,
-1.9145

■ 69.2040, 61.0314,
-22.1039

■ 197.4300, -2.1840,
0.4999

■ 53.5440, 68.7518,
-25.0331

■ 213.3890,
-10.0518, 4.0438

■ 36.9980, 76.9090,
-28.0622

■ 229.6360,
-18.0615, 6.4582

■ 33.1550, 78.8036,
-29.0769

■ 244.9970,
-25.6345, 8.7726

■ 247.9320,
-27.0815, 6.1986

Harmonies

Analogous

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



121.2790, 36.8375, -55.4957



133.3170, 29.4237, -10.8020



136.9640, 18.2587, 23.7106

Triad

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



133.3170, 29.4237, -10.8020



132.6840, -24.0012, 45.0041



113.6300, 4.1264, -63.6965

Complementary

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



133.3170, 29.4237, -10.8020



180.6830, -29.4237, 10.8020

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.



122.9970, -15.7745, -27.1844



133.3170, 29.4237, -10.8020



131.0270, -31.0723, 26.2863

Square

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



133.3170, 29.4237, -10.8020



134.3550, -11.5140, 53.1857



127.9700, -28.0862, 1.7803



105.1330, 24.5844, -92.2016

Rectangle

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



133.3170, 29.4237, -10.8020



135.9570, 8.8952, 40.3797



127.9700, -28.0862, 1.7803



117.7690, -3.3371, -49.7864

Sweetspot

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



133.3170, 29.4237, -10.8020



226.9530, 11.3622, -4.3438



170.6740, 7.5557, -43.5641



111.4110, 6.6994, -2.1144



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.3170, 29.4237, -10.8020



156.3390, 46.1749, -16.9603



137.8790, 27.1747, 10.6301



88.7270, 4.0786, -1.5146



27.7460, 65.6942, -24.3332



5.5230, 13.5462, -4.8437

Inverse Universe

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



143.3260, -7.5557, 43.5641



172.0410, -11.8522, 68.3700



176.1210, -27.1747, -10.6301



90.1040, -1.0373, 6.0478



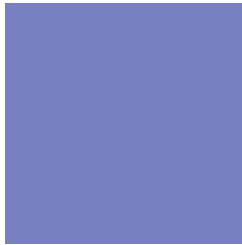
49.9630, -16.7438, 97.3794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 133.3170, 29.4237, -10.8020 looks on a white background.

Color Contrast Check

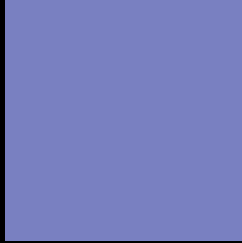
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3170, 29.4237, -10.8020 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 133.3170, 29.4237, -10.8020

Background



This preview shows how black text looks on a background with the YUV color 133.3170, 29.4237, -10.8020.



This preview shows how white text looks on a background with the YUV color 133.3170, 29.4237, -10.8020.

-10.8020.

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

133.3170, 29.4237, -10.8020

Protanopia

131.7290, 31.1926, -18.1793

Deuteranopia

131.6640, 29.7456, -20.7533



Tritanopia

130.1810, 8.7848, -17.6987

Trichromacy



Original Color

133.3170, 29.4237, -10.8020

Protanomaly

132.2240, 30.4556, -15.1054

Deuteranomaly

132.5720, 29.2980, -17.1646

Tritanomaly

131.4400, 16.0521, -15.2949

Monochromacy



Original Color

133.3170, 29.4237, -10.8020

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1380, 10.7780, -3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3170, 29.4237, -10.8020 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(121, 128, 193)` looks like.

```
.text, #text, p{  
    color:rgb(121, 128, 193)  
}
```

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(121, 128, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 128, 193) }
```

Border

The CSS property to change the border of an element to YUV 133.3170, 29.4237, -10.8020 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(121, 128, 193) }
```


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

```
.border{ border-color:rgb(121, 128, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 128, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 128, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 128, 193);  
box-shadow:4px 4px 4px 4px rgb(121, 128,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 133.3170, 29.4237, -10.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 128, 193) }
```

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

```
.background{ background-color: rgb(121,  
128, 193) }
```

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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