

Converting Colors

YUV(170.1290, 21.1354,
-12.3911)

Have a look what the booklet for
YUV(170.1290, 21.1354, -12.3911)
contains.

YUV(170.1290, 21.1354, -12.3911)	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(170.1290, 21.1354,
-12.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA9D5
RGB	156, 169, 213
RGB Percent	61%, 66%, 84%
CMY	0.3882, 0.3373, 0.1647
CMYK	0.27, 0.21, 0.00, 0.16
HSL	226°, 40%, 72%
HSV	226°, 27%, 84%
XYZ	39.9085, 40.2480, 68.6160
YIQ	170.1290, -21.8720, 10.9280

Conversions

Conversions Part 2

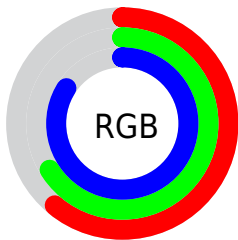
Format	Color
RYB	156, 167, 213
Decimal	10267093
CIELab	69.65, 5.25, -23.80
CIElCh	70, 24.375, 282.428
Yxy	40.2480, 0.2683, 0.2705
Android (android.graphics.Color)	4288457173 (0xFF9CA9D5)
YUV	170.1290, 21.1354, -12.3911
Hunter-Lab	63.4413, 1.2654, -19.7172

Details

The YUV color $170.1290, 21.1354, -12.3911$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $198.8710, -21.1354, 12.3911$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.6470, 15.4570, -11.0914$, and $117.4880, 19.9724, -12.7060$ is the 20% darker color. If you saturate the color by 10%, you get $154.4580, 28.8612, -17.0647$, and if you desaturate by 10%, it is $185.8000, 13.4096, -7.7176$.

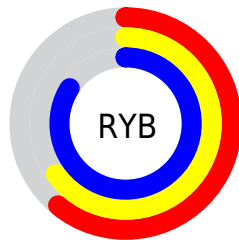
Distribution



Red (61%)

Green (66%)

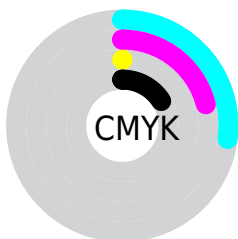
Blue (84%)



Red (61%)

Yellow (65%)

Blue (84%)

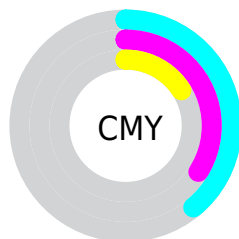


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (39%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1290, 21.1354, -12.3911 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 170.1290, 21.1354, -12.3911 by changing the saturation by 10% instead.

■ 170.1290, 21.1354,
-12.3911

■ 170.1290, 21.1354,
-12.3911

255.0000, 0.0000,
0.0000

■ 143.6020, 20.4092,
-12.8060

■ 223.6470, 15.4570,
-11.0914

■ 117.4880, 19.9724,
-12.7060

■ 249.3410, 2.7899,
-8.1921

■ 92.9610, 19.2462,
-13.1208

■ 68.8470, 18.8094,
-13.0208

■ 45.6080, 17.9413,
-14.5652

■ 22.2870, 18.0995,
-18.6687

■ 4.2180, 16.1615,

-3.6992

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 170.1290, 21.1354,
-12.3911

■ 170.1290, 21.1354,
-12.3911

■ 154.4580, 28.8612,
-17.0647

■ 185.8000, 13.4096,
-7.7176

■ 137.9010, 37.0238,
-21.8382

■ 202.3570, 5.2470,
-2.9441

■ 122.2300, 44.7496,
-26.5117

■ 218.0280, -2.4788,
1.7294

■ 105.9720, 52.7648,
-30.6704

■ 234.2860,
-10.4940, 5.8882

■ 90.0020, 60.6380,
-35.9588

■ 247.8640,
-17.1880, 6.2583

■ 73.7440, 68.6532,
-40.1175

■ 250.2120,
-18.3455, 4.1991

■ 58.0730, 76.3790,
-44.7910

■ 53.0450, 78.8578,
-46.5205

Harmonies

Analogous

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



165.1540, 23.0951, -34.3381



170.1290, 21.1354, -12.3911



172.9640, 14.8077, 10.5556

Triad

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



170.1290, 21.1354, -12.3911



172.2080, -15.3855, 34.8976



162.5910, -3.2494, -31.2133

Complementary

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



170.1290, 21.1354, -12.3911



198.8710, -21.1354, 12.3911

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.



165.5520, -14.0761, -11.8851



170.1290, 21.1354, -12.3911



170.0620, -20.7366, 24.5016

Square

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



170.1290, 21.1354, -12.3911



173.1510, -5.4974, 36.7016



168.3650, -20.3929, 7.5729



160.4180, 9.1609, -45.0936

Rectangle

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



170.1290, 21.1354, -12.3911



173.7330, 8.5126, 23.0362



168.3650, -20.3929, 7.5729



163.5980, -7.1968, -25.0804

Sweetspot

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



170.1290, 21.1354, -12.3911



239.6280, 7.5784, -4.0588



194.4750, 2.7238, -33.7426



118.2430, 4.8102, -2.8441



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



170.1290, 21.1354, -12.3911



193.5010, 30.3190, -17.9794



166.9830, 22.6864, 3.5229



99.0150, 3.9366, -2.6442



42.3870, 63.4062, -37.1734



10.7720, 15.8884, -9.4470

Inverse Universe

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



174.5250, -2.7238, 33.7426



199.6840, -3.7882, 48.5121



202.0170, -22.6864, -3.5229



99.6310, -0.3111, 6.4626



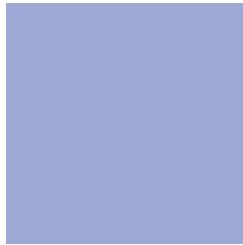
55.5750, -8.1715, 101.2277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 170.1290, 21.1354, -12.3911 looks on a white background.

Color Contrast Check

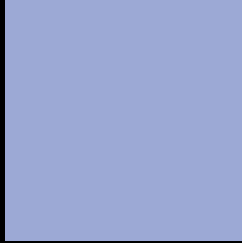
Large Text (above 18pt) WCAG AA × Fail

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 170.1290, 21.1354, -12.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

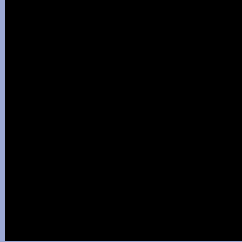
Any Text WCAG AA ✓ Pass

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 170.1290, 21.1354, -12.3911 Background



This preview shows how black text looks on a background with the YUV color 170.1290, 21.1354, -12.3911.



This preview shows how white text looks on a background with the YUV color 170.1290, 21.1354, -12.3911.

-12.3911.

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

170.1290, 21.1354, -12.3911

Protanopia

170.3250, 20.5458, -9.9320

Deuteranopia

171.3470, 20.5349, -6.4433



Tritanopia

168.6050, 9.0687, -15.4396

Trichromacy



Original Color

170.1290, 21.1354, -12.3911

Protanomaly

170.0260, 20.6932, -10.5468

Deuteranomaly

171.0370, 20.6878, -8.8024

Tritanomaly

169.0550, 13.2839, -14.0802

Monochromacy



Original Color

170.1290, 21.1354, -12.3911

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.3290, 7.7258, -4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1290, 21.1354, -12.3911 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(156, 169, 213)` looks like.

```
.text, #text, p{  
    color:rgb(156, 169, 213)  
}
```

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(156, 169, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 169, 213) }
```

Border

The CSS property to change the border of an element to YUV 170.1290, 21.1354, -12.3911 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

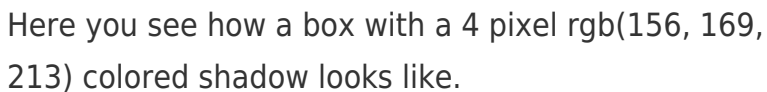
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 169, 213) }
```


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

```
.border{ border-color:rgb(156, 169, 213) }
```

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



Here you see how a box with a 4 pixel rgb(156, 169, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 169, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 169, 213);  
box-shadow:4px 4px 4px 4px rgb(156, 169,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 170.1290, 21.1354, -12.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 169, 213) }
```

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

```
.background{ background-color: rgb(156,  
169, 213) }
```

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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