

Converting Colors

YUV(154.2830, 21.0595,
12.0298)

Have a look what the booklet for
YUV(154.2830, 21.0595, 12.0298)
contains.

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Color

**YUV(154.2830, 21.0595,
12.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	A88BC5
RGB	168, 139, 197
RGB Percent	66%, 55%, 77%
CMY	0.3412, 0.4549, 0.2275
CMYK	0.15, 0.29, 0.00, 0.23
HSL	270°, 33%, 66%
HSV	270°, 29%, 77%
XYZ	35.4591, 30.8213, 56.9035
YIQ	154.2830, -1.3340, 24.1860

Conversions

Conversions Part 2

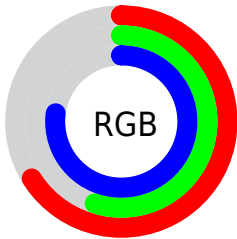
Format	Color
RYB	168, 139, 197
Decimal	11045829
CIELab	62.36, 22.20, -26.00
CIELCh	62, 34.188, 310.491
Yxy	30.8213, 0.2879, 0.2502
Android (android.graphics.Color)	4289235909 (0xFFA88BC5)
YUV	154.2830, 21.0595, 12.0298
Hunter-Lab	55.5169, 16.8548, -21.9090

Details

The YUV color **154.2830, 21.0595, 12.0298** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **181.7170, -21.0595, -12.0298**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2230, 22.0751, 12.9594**, and **102.9300, 19.7545, 10.5854** is the 20% darker color. If you saturate the color by 10%, you get **139.5530, 28.3214, 16.1780**, and if you desaturate by 10%, it is **169.0130, 13.7976, 7.8816**.

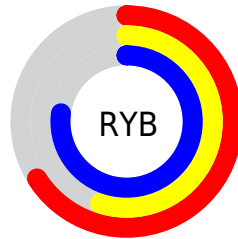
Distribution



Red (66%)

Green (55%)

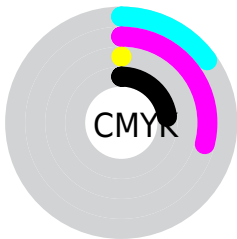
Blue (77%)



Red (66%)

Yellow (55%)

Blue (77%)

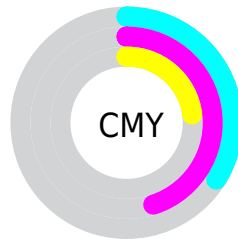


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2830, 21.0595, 12.0298 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 154.2830, 21.0595, 12.0298 by changing the saturation by 10% instead.

■ 154.2830, 21.0595,
12.0298

■ 154.2830, 21.0595,
12.0298

255.0000, 0.0000,
0.0000

■ 127.8700, 20.7701,
11.5150

■ 209.2230, 22.0751,
12.9594

■ 102.9300, 19.7545,
10.5854

■ 234.4440, 10.1341,
16.2736

■ 78.4030, 19.0283,
10.1706

■ 251.4780, 1.7363,
3.0888

■ 54.8760, 18.3021,
9.7557

■ 32.7510, 17.8708,
8.1114

■ 12.1210, 16.7023,
9.5409

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 154.2830, 21.0595,
12.0298

■ 154.2830, 21.0595,
12.0298

■ 139.5530, 28.3214,
16.1780

■ 169.0130, 13.7976,
7.8816

■ 125.4100, 35.2939,
19.8114

■ 183.1560, 6.8251,
4.2482

■ 110.6800, 42.5558,
23.9596

■ 197.8860, -0.4368,
0.1000

■ 96.2490, 49.6702,
28.7226

■ 212.3170, -7.5513,
-4.6630

■ 81.5190, 56.9321,
32.8708

■ 227.0470,
-14.8132, -8.8112

67.3760, 63.9046,
36.5042

240.0160,
-21.2069, -11.4150

52.6460, 71.1665,
40.6525

243.0060,
-22.6810, -5.2673

52.0590, 71.4559,
41.1673

245.9960,
-24.1550, 0.8805

248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



149.0660, 30.0405, -21.9829



154.2830, 21.0595, 12.0298



154.8210, 8.4692, 36.9910

Triad

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



154.2830, 21.0595, 12.0298



150.2820, -27.7470, 33.0787



130.1370, 15.2155, -73.7881

Complementary

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



154.2830, 21.0595, 12.0298



181.7170, -21.0595, -12.0298

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.



138.2860, -4.0850, -43.2238



154.2830, 21.0595, 12.0298



147.3240, -28.2607, 11.1169

Square

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



154.2830, 21.0595, 12.0298



151.9600, -19.2073, 47.3931



144.3360, -19.8856, -15.2037



125.2780, 31.4149, -89.6978

Rectangle

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



154.2830, 21.0595, 12.0298



153.9550, -1.4568, 47.3975



144.3360, -19.8856, -15.2037



133.3680, 8.1996, -63.4667

Sweetspot

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



154.2830, 21.0595, 12.0298



238.2100, 8.2775, 5.0778



162.6350, 16.9419, -20.7279



116.8030, 5.5201, 2.8038



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.



154.2830, 21.0595, 12.0298



189.3020, 32.3891, 18.1521



162.9540, 16.7847, 29.8583



92.2220, 3.3416, 1.5593



43.1000, 59.1107, 34.1153



9.4860, 13.0714, 7.4668

Inverse Universe

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



159.6480, 4.1175, 32.7577



197.6270, 6.0999, 50.3161



173.0460, -16.7847, -29.8583



93.1470, 0.4205, 5.1331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 154.2830, 21.0595, 12.0298 looks on a white background.

Color Contrast Check

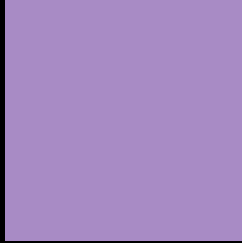
Large Text (above 18pt) WCAG AA × Fail

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 154.2830, 21.0595, 12.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

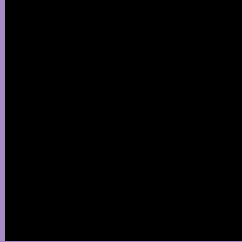
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.2830, 21.0595, 12.0298

Background



This preview shows how black text looks on a background with the YUV color 154.2830, 21.0595, 12.0298.



This preview shows how white text looks on a background with the YUV color 154.2830, 21.0595, 12.0298.

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

154.2830, 21.0595, 12.0298

Protanopia

151.0840, 26.0876, -14.1057

Deuteranopia

151.5640, 21.4139, -8.3876



Tritanopia

152.7390, 2.5937, 8.1219

Trichromacy



Original Color

154.2830, 21.0595, 12.0298

Protanomaly

151.9820, 24.1659, -4.3692

Deuteranomaly

152.6080, 21.3923, -1.4102

Tritanomaly

153.1720, 9.2822, 9.4962

Monochromacy



Original Color

154.2830, 21.0595, 12.0298

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.3840, 7.6987, 4.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2830, 21.0595, 12.0298 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(168, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 139, 197)  
}
```

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(168, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 139, 197) }
```

Border

The CSS property to change the border of an element to YUV 154.2830, 21.0595, 12.0298 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(168, 139, 197) }
```


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

```
.border{ border-color:rgb(168, 139, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 139, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 139, 197); box-shadow:4px 4px 4px 4px rgb(168, 139, 197) }
```

Background

The CSS property to change the background color of an element to YUV 154.2830, 21.0595, 12.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 139, 197) }
```

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

```
.background{ background-color: rgb(168,  
139, 197) }
```

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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