

Converting Colors

YUV(151.5790, 28.8016, 2.1232)

Have a look what the booklet for
YUV(151.5790, 28.8016, 2.1232)
contains.

YUV(151.5790, 28.8016, 2.1232)	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(151.5790, 28.8016,
2.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8BD2
RGB	154, 139, 210
RGB Percent	60%, 55%, 82%
CMY	0.3961, 0.4549, 0.1765
CMYK	0.27, 0.34, 0.00, 0.18
HSL	253°, 44%, 68%
HSV	253°, 34%, 82%
XYZ	34.1919, 29.9884, 64.9590
YIQ	151.5790, -13.8510, 25.2610

Conversions

Conversions Part 2

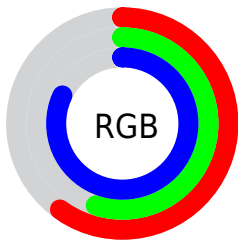
Format	Color
RYB	154, 139, 210
Decimal	10128338
CIELab	61.64, 20.93, -34.50
CIELCh	62, 40.350, 301.245
Yxy	29.9884, 0.2648, 0.2322
Android (android.graphics.Color)	4288318418 (0xFF9A8BD2)
YUV	151.5790, 28.8016, 2.1232
Hunter-Lab	54.7617, 15.6183, -31.9974

Details

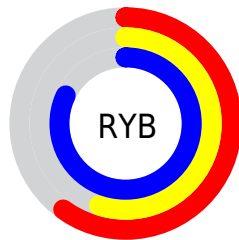
The YUV color **151.5790, 28.8016, 2.1232** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **197.4210, -28.8016, -2.1232**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1510, 24.5756, 4.2526**, and **100.1120, 27.0598, 0.7788** is the 20% darker color. If you saturate the color by 10%, you get **134.1690, 37.3847, 2.4828**, and if you desaturate by 10%, it is **168.9890, 20.2184, 1.7636**.

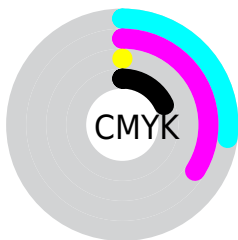
Distribution



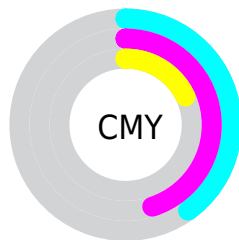
- Red (60%)
- Green (55%)
- Blue (82%)



- Red (60%)
- Yellow (55%)
- Blue (82%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5790, 28.8016, 2.1232 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 151.5790, 28.8016, 2.1232 by changing the saturation by 10% instead.

■ 151.5790, 28.8016,
2.1232

■ 151.5790, 28.8016,
2.1232

■ 255.0000, 0.0000,
0.0000

■ 125.0520, 28.0754,
1.7084

■ 205.1510, 24.5756,
4.2526

■ 100.1120, 27.0598,
0.7788

■ 229.3720, 12.6346,
7.5668

■ 75.5850, 26.3336,
0.3640

■ 251.4780, 1.7363,
3.0888

■ 51.9330, 25.1760,
-1.6952

■ 29.0960, 24.6027,
-4.4692

■ 7.2810, 24.0185,
-3.7544

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 151.5790, 28.8016,
2.1232

■ 151.5790, 28.8016,
2.1232

■ 134.1690, 37.3847,
2.4828

■ 168.9890, 20.2184,
1.7636

■ 117.0580, 45.8204,
3.4571

■ 186.1000, 11.7827,
0.7893

■ 99.6480, 54.4035,
3.8167

■ 203.5100, 3.1996,
0.4297

■ 82.5370, 62.8393,
4.7911

■ 220.6210, -5.2362,
-0.5446

■ 65.1270, 71.4224,
5.1506

■ 238.0310,
-13.8193, -0.9042

■ 48.0160, 79.8581,
6.1250

■ 249.2720,
-19.3611, 3.2695

■ 37.0960, 85.2417,
6.0548

■ 249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



142.4100, 38.2519, -42.4556



151.5790, 28.8016, 2.1232



153.2430, 15.1632, 36.6209

Triad

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



151.5790, 28.8016, 2.1232



148.6640, -30.4004, 44.1447



116.2110, 16.1650, -98.4090

Complementary

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



151.5790, 28.8016, 2.1232



197.4210, -28.8016, -2.1232

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.



135.4620, -11.0738, -41.6242



151.5790, 28.8016, 2.1232



145.7830, -34.4030, 21.2383

Square

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



151.5790, 28.8016, 2.1232



150.0690, -17.7820, 56.9445



142.3170, -27.7643, -8.1710



119.1190, 32.4793, -104.4674

Rectangle

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



151.5790, 28.8016, 2.1232



152.1710, 4.3527, 50.7160



142.3170, -27.7643, -8.1710



127.7000, 4.5849, -70.7739

Sweetspot

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



151.5790, 28.8016, 2.1232



234.3450, 10.1829, 0.5744



180.5530, 14.5174, -36.4420



114.7210, 6.5465, 0.2447



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.



151.5790, 28.8016, 2.1232



168.8470, 42.4734, 3.6422



162.0440, 23.6423, 23.6404



95.8520, 4.5100, 0.1298



29.9160, 68.0754, 5.3357



7.3650, 16.5821, 1.4339

Inverse Universe

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



166.6130, 13.9948, 38.0504



190.8570, 20.7765, 56.2534



186.9560, -23.6423, -23.6404



98.2010, 1.8729, 5.9627



65.3940, 33.3298, 89.9855



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 151.5790, 28.8016, 2.1232 looks on a white background.

Color Contrast Check

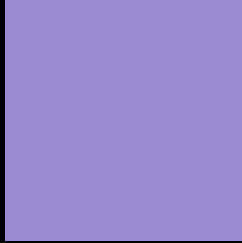
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.5790, 28.8016, 2.1232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

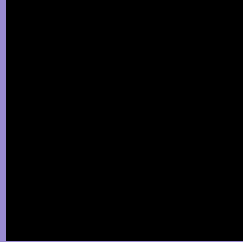
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.5790, 28.8016, 2.1232

Background



This preview shows how black text looks on a background with the YUV color 151.5790, 28.8016, 2.1232.



This preview shows how white text looks on a background with the YUV color 151.5790, 28.8016,

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

151.5790, 28.8016, 2.1232

Protanopia

148.5870, 33.2346, -19.8088

Deuteranopia

148.2730, 29.4454, -17.7794



Tritanopia

148.8730, 5.9786, -4.2736

Trichromacy



Original Color

151.5790, 28.8016, 2.1232

Protanomaly

149.5880, 31.7551, -11.9167

Deuteranomaly

149.3170, 29.4237, -10.8020

Tritanomaly

149.7730, 14.4089, -1.5549

Monochromacy



Original Color

151.5790, 28.8016, 2.1232

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7580, 10.4723, 1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5790, 28.8016, 2.1232 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(154, 139, 210)` looks like.

```
.text, #text, p{  
    color:rgb(154, 139, 210)  
}
```

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(154, 139, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 139, 210) }
```

Border

The CSS property to change the border of an element to YUV 151.5790, 28.8016, 2.1232 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(154, 139, 210) }
```


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

```
.border{ border-color:rgb(154, 139, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 139, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 139, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 139, 210);  
box-shadow:4px 4px 4px 4px rgb(154, 139,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 151.5790, 28.8016, 2.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 139, 210) }
```

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

```
.background{ background-color: rgb(154,  
139, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor