

Converting Colors

YUV(153.0800, 22.1456,
-9.7172)

Have a look what the booklet for
YUV(153.0800, 22.1456, -9.7172)
contains.

YUV(153.0800, 22.1456, -9.7172)	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(153.0800, 22.1456,
-9.7172)**

Conversions

Conversions Part 1

Format	Color
Hex	8E96C6
RGB	142, 150, 198
RGB Percent	56%, 59%, 78%
CMY	0.4431, 0.4118, 0.2235
CMYK	0.28, 0.24, 0.00, 0.22
HSL	231°, 33%, 67%
HSV	231°, 28%, 78%
XYZ	32.2547, 31.6407, 57.8333
YIQ	153.0800, -20.1760, 13.2320

Conversions

Conversions Part 2

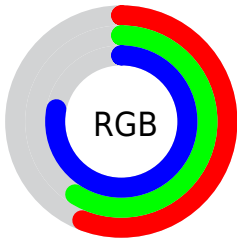
Format	Color
RYB	142, 149, 198
Decimal	9344710
CIELab	63.04, 8.05, -25.69
CIElCh	63, 26.917, 287.392
Yxy	31.6407, 0.2650, 0.2599
Android (android.graphics.Color)	4287534790 (0xFF8E96C6)
YUV	153.0800, 22.1456, -9.7172
Hunter-Lab	56.2501, 3.9173, -21.5838

Details

The YUV color **153.0800, 22.1456, -9.7172** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.9200, -22.1456, 9.7172**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7210, 23.3085, -9.4023**, and **101.4390, 20.9826, -10.0320** is the 20% darker color. If you saturate the color by 10%, you get **137.1210, 30.0133, -13.2611**, and if you desaturate by 10%, it is **169.0390, 14.2778, -6.1732**.

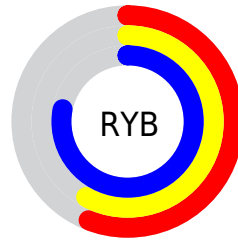
Distribution



Red (56%)

Green (59%)

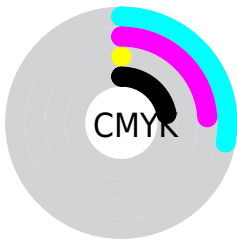
Blue (78%)



Red (56%)

Yellow (58%)

Blue (78%)

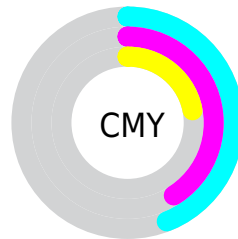


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0800, 22.1456, -9.7172 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 153.0800, 22.1456, -9.7172 by changing the saturation by 10% instead.

■ 153.0800, 22.1456,
-9.7172

■ 153.0800, 22.1456,
-9.7172

255.0000, 0.0000,
0.0000

■ 126.9660, 21.7088,
-9.6172

■ 207.7210, 23.3085,
-9.4023

■ 101.4390, 20.9826,
-10.0320

■ 232.5290, 11.0782,
-6.6029

■ 77.4990, 19.9670,
-10.9616

254.7010, 0.1474,
-0.6148

■ 53.9720, 19.2408,
-11.3764

■ 31.1350, 18.6674,
-14.1504

■ 10.0540, 18.2144,
-8.8174

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 153.0800, 22.1456,
-9.7172

■ 153.0800, 22.1456,
-9.7172

■ 137.1210, 30.0133,
-13.2611

■ 169.0390, 14.2778,
-6.1732

■ 121.1620, 37.8811,
-16.8051

■ 184.9980, 6.4100,
-2.6292

■ 105.5020, 45.6015,
-19.7343

■ 200.6580, -1.3104,
0.2999

■ 89.5430, 53.4693,
-23.2782

■ 216.6170, -9.1782,
3.8439

■ 73.5840, 61.3371,
-26.8222

■ 232.5760,
-17.0460, 7.3878

■ 57.6250, 69.2049,
-30.3661

■ 246.7410,
-24.0293, 7.2431

■ 41.6660, 77.0727,
-33.9101

■ 248.5020,
-24.8975, 5.6987

■ 39.0080, 78.3831,
-34.2100

Harmonies

Analogous

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



147.4250, 25.4265, -35.4527



153.0800, 22.1456, -9.7172



156.1710, 14.2127, 14.7590

Triad

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



153.0800, 22.1456, -9.7172



153.9370, -17.7169, 36.0123



143.1280, -1.0491, -36.9463

Complementary

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



153.0800, 22.1456, -9.7172



186.9200, -22.1456, 9.7172

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.



147.0460, -13.3337, -16.7033



153.0800, 22.1456, -9.7172



152.4810, -22.9151, 23.2572

Square

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



153.0800, 22.1456, -9.7172



155.1900, -7.9817, 40.1754



149.5280, -20.9663, 4.7989



140.2860, 12.6770, -52.8708

Rectangle

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



153.0800, 22.1456, -9.7172



156.1250, 7.3334, 27.9544



149.5280, -20.9663, 4.7989



144.3200, -5.5808, -30.0986

Sweetspot

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



153.0800, 22.1456, -9.7172



239.0410, 7.8678, -3.5440



180.3440, 4.7604, -33.6277



117.6560, 5.0996, -2.3293



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.



153.0800, 22.1456, -9.7172



185.5490, 34.2393, -15.3905



154.3640, 21.5125, 6.6968



91.6130, 3.6418, -1.4146



32.0830, 64.5421, -28.1368



7.0390, 14.2778, -6.1732

Inverse Universe

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



159.6560, -4.7604, 33.6277



195.4950, -7.1460, 52.1859



185.6360, -21.5125, -6.6968



92.8050, -0.8899, 5.4330



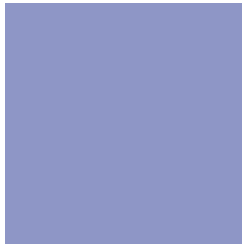
51.3590, -13.9810, 97.9092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 153.0800, 22.1456, -9.7172 looks on a white background.

Color Contrast Check

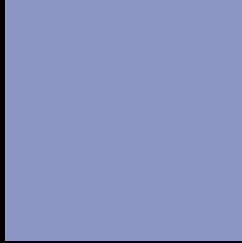
Large Text (above 18pt) WCAG AA × Fail

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 153.0800, 22.1456, -9.7172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

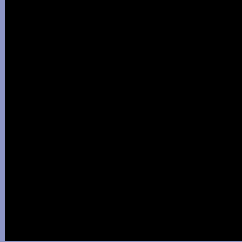
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.0800, 22.1456, -9.7172

Background



This preview shows how black text looks on a background with the YUV color 153.0800, 22.1456, -9.7172.



This preview shows how white text looks on a background with the YUV color 153.0800, 22.1456, -9.7172.

-9.7172.

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

153.0800, 22.1456, -9.7172

Protanopia

153.0690, 22.1510, -11.4615

Deuteranopia

153.3790, 21.9982, -9.1024



Tritanopia

151.3880, 8.1897, -13.4953

Trichromacy



Original Color

153.0800, 22.1456, -9.7172

Protanomaly

153.3680, 22.0036, -10.8467

Deuteranomaly

153.3790, 21.9982, -9.1024

Tritanomaly

152.0660, 13.2785, -12.3359

Monochromacy



Original Color

153.0800, 22.1456, -9.7172

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0800, 22.1456, -9.7172 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(142, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 150, 198)  
}
```

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(142, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 150, 198) }
```

Border

The CSS property to change the border of an element to YUV 153.0800, 22.1456, -9.7172 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(142, 150, 198) }
```


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

```
.border{ border-color:rgb(142, 150, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 150,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 153.0800, 22.1456, -9.7172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 150, 198) }
```

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

```
.background{ background-color: rgb(142,  
150, 198) }
```

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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