

Converting Colors

YUV(63.1910, 77.7998, 12.9875)

Have a look what the booklet for
YUV(63.1910, 77.7998, 12.9875)
contains.

YUV(63.1910, 77.7998, 12.9875)	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(63.1910, 77.7998,
12.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	4E19DD
RGB	78, 25, 221
RGB Percent	31%, 10%, 87%
CMY	0.6941, 0.9020, 0.1333
CMYK	0.65, 0.89, 0.00, 0.13
HSL	256°, 80%, 48%
HSV	256°, 89%, 87%
XYZ	16.5407, 7.5354, 68.9893
YIQ	63.1910, -31.3280, 72.1920

Conversions

Conversions Part 2

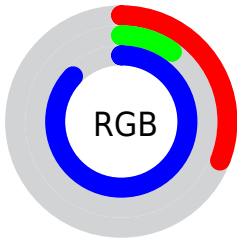
Format	Color
R_{YB}	78, 25, 221
Decimal	5118429
CIE _{Lab}	33.00, 67.96, -87.30
CIE _{LCh}	33, 110.638, 307.900
Yxy	7.5354, 0.1777, 0.0810
Android (android.graphics.Color)	4283308509 (0xFF4E19DD)
YUV	63.1910, 77.7998, 12.9875
Hunter-Lab	27.4507, 59.5179, -129.7925

Details

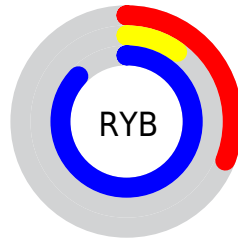
The YUV color **63.1910, 77.7998, 12.9875** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **182.8090, -77.7998, -12.9875**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5590, 66.2794, 21.4348**, and **18.6960, 71.6349, -16.3964** is the 20% darker color. If you saturate the color by 10%, you get **45.4930, 86.5250, 14.4766**, and if you desaturate by 10%, it is **80.8890, 69.0747, 11.4983**.

Distribution



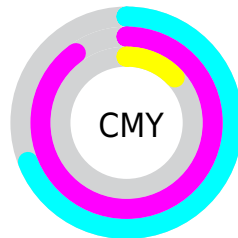
- Red (31%)
- Green (10%)
- Blue (87%)



- Red (31%)
- Yellow (10%)
- Blue (87%)



- Cyan (65%)
- Magenta (89%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (90%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1910, 77.7998, 12.9875 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 63.1910, 77.7998, 12.9875 by changing the saturation by 10% instead.

63.1910, 77.7998,
12.9875

63.1910, 77.7998,
12.9875

255.0000, 0.0000,
0.0000

31.7550, 79.0008,
1.0919

120.5590, 66.2794,
21.4348

18.6960, 71.6349,
-16.3964

145.6770, 53.8962,
26.5933

15.6180, 59.8413,
-13.6970

171.0940, 41.3657,
32.3666

12.5400, 48.0478,
-10.9976

196.7990, 28.6931,
37.0103

16.7340, 33.6551,
-14.6757

218.0190, 18.2316,
32.4323

10.3620, 24.4715,
-9.0875

235.0420, 9.8393,

5.5060, 16.0195,

17.5032

-4.8288

252.0650, 1.4470,
2.5740

2.2970, 6.2626,
-2.0145

0.0000, 0.0000,
0.0000

63.1910, 77.7998,
12.9875

63.1910, 77.7998,
12.9875

45.4930, 86.5250,
14.4766

80.8890, 69.0747,
11.4983

43.1340, 87.6879,
14.7915

98.5870, 60.3496,
10.0092

116.2850, 51.6245,
8.5201

133.9830, 42.8994,
7.0309

■ 151.9800, 34.0269,
6.1565

■ 170.2650, 25.0124,
4.1526

■ 187.9630, 16.2872,
2.6634

■ 205.6610, 7.5621,
1.1743

■ 223.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



80.7260, 85.9171, -70.7967



63.1910, 77.7998, 12.9875



73.1550, 35.9126, 101.5961

Triad

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



63.1910, 77.7998, 12.9875



67.4220, -33.2390, 68.0359



72.4480, 13.5831, -63.5369

Complementary

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



63.1910, 77.7998, 12.9875



182.8090, -77.7998, -12.9875

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.



59.8740, -29.5179, -52.5095



63.1910, 77.7998, 12.9875



71.1460, -35.0750, 3.3800

Square

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



63.1910, 77.7998, 12.9875



58.0060, -28.5970, 119.2667



56.9390, -28.0709, -49.9355



84.1270, 50.7164, -73.7794

Rectangle

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



63.1910, 77.7998, 12.9875



73.4200, 7.1879, 121.5347



56.9390, -28.0709, -49.9355



68.3270, 0.3318, -59.9228

Sweetspot

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



63.1910, 77.7998, 12.9875



199.5470, 27.3383, 4.7823



131.8720, 43.9401, -93.7267



94.9630, 16.2872, 2.6634



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.



63.1910, 77.7998, 12.9875



49.7010, 101.2124, 16.9252



92.1940, 63.5014, 72.6209



101.1510, 4.3626, 0.7446



33.7750, 68.6379, 11.5983



8.8320, 18.3238, 2.7783

Inverse Universe

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



99.9060, 33.5703, 106.1994



97.4490, 43.6556, 138.1722



153.8060, -63.5014, -72.6209



103.2010, 1.8729, 5.9627



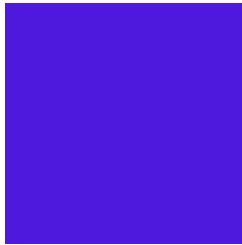
66.2050, 29.9719, 93.6592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 63.1910, 77.7998, 12.9875 looks on a white background.

Color Contrast Check

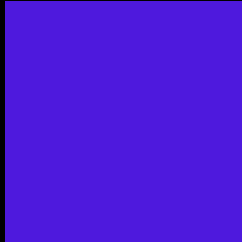
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 63.1910, 77.7998, 12.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

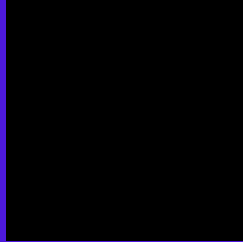
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1910, 77.7998, 12.9875

Background



This preview shows how black text looks on a background with the YUV color 63.1910, 77.7998, 12.9875.



This preview shows how white text looks on a background with the YUV color 63.1910, 77.7998,

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

63.1910, 77.7998, 12.9875

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.2360, 35.3797, -54.5810



Tritanopia

60.9700, 15.2978, -53.4707

Trichromacy



Original Color

63.1910, 77.7998, 12.9875

Protanomaly

62.4650, 58.4378, -30.2258

Deuteranomaly

62.5160, 51.0176, -30.2705

Tritanomaly

61.7860, 38.0665, -29.6303

Monochromacy



Original Color

63.1910, 77.7998, 12.9875

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7750, 28.2119, 4.5823

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1910, 77.7998, 12.9875 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(78, 25, 221)` looks like.

```
.text, #text, p{  
    color:rgb(78, 25, 221)  
}
```

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(78, 25, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 25, 221) }
```

Border

The CSS property to change the border of an element to YUV 63.1910, 77.7998, 12.9875 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(78, 25, 221) }
```


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

```
.border{ border-color:rgb(78, 25, 221) }
```

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

Here you see how a box with a 4 pixel rgb(78, 25, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 25, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 25, 221);  
box-shadow:4px 4px 4px 4px rgb(78, 25,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 63.1910, 77.7998, 12.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 25, 221) }
```

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

```
.background{ background-color: rgb(78, 25,  
221) }
```

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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