

Converting Colors

YUV(78.7950, -5.3219, 73.8478)

Have a look what the booklet for
YUV(78.7950, -5.3219, 73.8478)
contains.

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Color

**YUV(78.7950, -5.3219,
73.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	A32644
RGB	163, 38, 68
RGB Percent	64%, 15%, 27%
CMY	0.3608, 0.8510, 0.7333
CMYK	0.00, 0.77, 0.58, 0.36
HSL	346°, 62%, 39%
HSV	346°, 77%, 64%
XYZ	16.8408, 9.5901, 6.4323
YIQ	78.7950, 64.8700, 35.8300

Conversions

Conversions Part 2

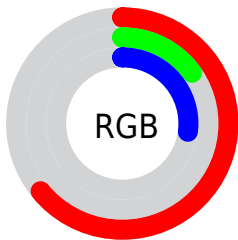
Format	Color
R_{YB}	163, 38, 68
Decimal	10692164
CIE _{Lab}	37.10, 51.97, 13.65
CIE _{LCh}	37, 53.730, 14.720
Yxy	9.5901, 0.5125, 0.2918
Android (android.graphics.Color)	4288882244 (0xFFA32644)
YUV	78.7950, -5.3219, 73.8478
Hunter-Lab	30.9679, 42.8768, 9.3625

Details

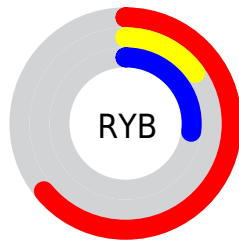
The YUV color **78.7950, -5.3219, 73.8478** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.2050, 5.3219, -73.8478**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0790, -9.4059, 77.1067**, and **34.3590, -4.1210, 61.9522** is the 20% darker color. If you saturate the color by 10%, you get **68.0350, -5.9333, 83.2843**, and if you desaturate by 10%, it is **89.5550, -4.7106, 64.4113**.

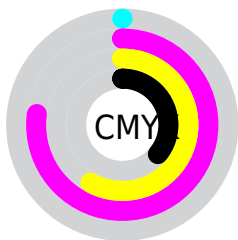
Distribution



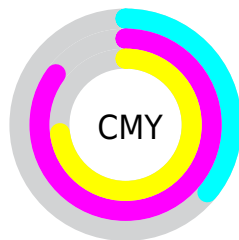
- Red (64%)
- Green (15%)
- Blue (27%)



- Red (64%)
- Yellow (15%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (58%)
- Black (36%)





- Cyan (36%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.7950, -5.3219, 73.8478 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 78.7950, -5.3219, 73.8478 by changing the saturation by 10% instead.


 78.7950, -5.3219,
73.8478

 78.7950, -5.3219,
73.8478


255.0000, 0.0000,
0.0000

 45.3100, 0.3402,
77.7811


 135.0790, -9.4059,
77.1067

 34.3590, -4.1210,
61.9522

 163.6340,
-11.1586, 79.2510


 23.0230, -11.3503,
47.3378

 182.8600, -7.3260,
63.2668

 15.1780, -6.4968,
30.5389

 202.3740, -3.6354,
46.1530

 0.0000, 0.0000,
0.0000

 222.5890, 0.2026,
28.4244

 242.8040, 4.0406,

■ 78.7950, -5.3219,
73.8478

■ 78.7950, -5.3219,
73.8478

■ 68.0350, -5.9333,
83.2843

■ 89.5550, -4.7106,
64.4113

■ 56.5740, -6.6920,
93.3356

■ 101.0160, -3.9519,
54.3600

■ 53.1830, -6.9922,
96.3095

■ 111.7760, -3.3406,
44.9234

■ 122.6500, -2.2924,
35.3870

■ 133.9970, -1.9705,
25.4356

■ 144.7570, -1.3592,
15.9991

■ 155.6310, -0.3111,
6.4626

■ 166.3910, 0.3002,
-2.9739

■ 177.7380, 0.6222,
-12.9252

Harmonies

Analogous

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



83.0550, 13.7769, 61.3418



78.7950, -5.3219, 73.8478



81.6860, -26.9602, 60.7884

Triad

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



78.7950, -5.3219, 73.8478



70.6790, -26.9567, -33.9215



77.6070, 46.0427, -68.0613

Complementary

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



78.7950, -5.3219, 73.8478



122.2050, 5.3219, -73.8478

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.



78.5070, 34.2600, -68.8506



78.7950, -5.3219, 73.8478



68.8170, -2.8678, -60.3525

Square

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



78.7950, -5.3219, 73.8478



79.7180, -39.3010, 5.5093



75.1210, 16.2093, -65.8811



72.7920, 48.9095, -54.1916

Rectangle

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



78.7950, -5.3219, 73.8478



82.0420, -40.4467, 46.4442



75.1210, 16.2093, -65.8811



78.2110, 43.2800, -68.5910

Sweetspot

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



78.7950, -5.3219, 73.8478



179.0190, -1.9814, 28.9243



80.3560, 40.7435, 45.2918



86.7680, -1.3646, 17.7435



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



78.7950, -5.3219, 73.8478



80.6630, -8.2149, 115.1825



93.5720, -27.3970, 60.8884



75.9190, -0.4531, 5.3330



47.3450, -6.0861, 85.6434



5.8380, -0.9061, 10.6661

Inverse Universe

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



78.7950, -5.3219, 73.8478



80.6630, -8.2149, 115.1825



107.4280, 27.3970, -60.8884



75.9190, -0.4531, 5.3330



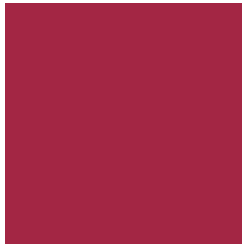
47.3450, -6.0861, 85.6434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 78.7950, -5.3219, 73.8478 looks on a white background.

Color Contrast Check

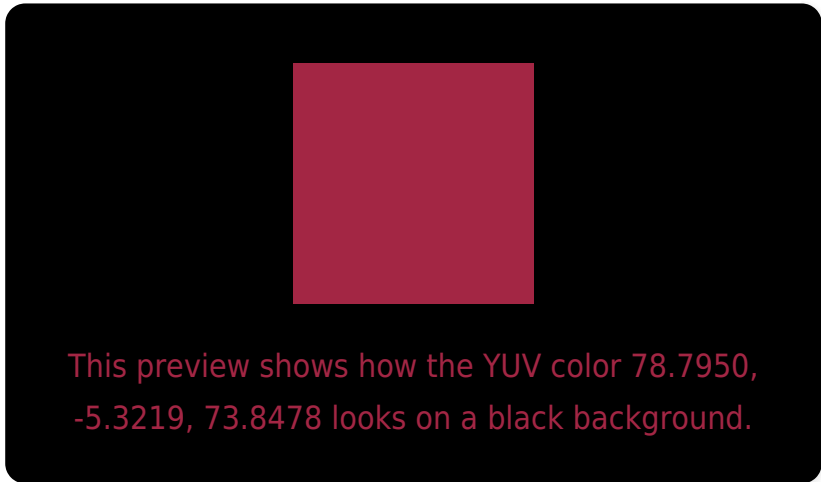
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

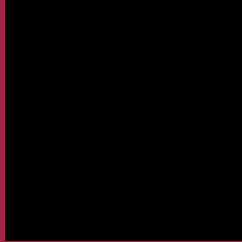
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7950, -5.3219, 73.8478

Background



This preview shows how black text looks on a background with the YUV color 78.7950, -5.3219, 73.8478.



This preview shows how white text looks on a background with the YUV color 78.7950, -5.3219,

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

78.7950, -5.3219, 73.8478

Protanopia

88.7550, 1.5998, 0.2149

Deuteranopia

88.3580, -12.9945, 14.5950



Tritanopia

78.8090, -16.6678, 72.9585

Trichromacy



Original Color

78.7950, -5.3219, 73.8478

Protanomaly

85.2360, -1.1023, 26.9800

Deuteranomaly

84.8860, -10.2968, 36.0570

Tritanomaly

78.5470, -12.5947, 73.1883

Monochromacy



Original Color

78.7950, -5.3219, 73.8478

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0080, -1.9759, 27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7950, -5.3219, 73.8478 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(163, 38, 68)` looks like.

```
.text, #text, p{  
    color:rgb(163, 38, 68)  
}
```

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(163, 38, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 38, 68) }
```

Border

The CSS property to change the border of an element to YUV 78.7950, -5.3219, 73.8478 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(163, 38, 68) }
```


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

```
.border{ border-color:rgb(163, 38, 68) }
```

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

Here you see how a box with a 4 pixel rgb(163, 38, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 38, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 38, 68);  
box-shadow:4px 4px 4px 4px rgb(163, 38,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 78.7950, -5.3219, 73.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 38, 68) }
```

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

```
.background{ background-color: rgb(163, 38,  
68) }
```

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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