

Converting Colors

YUV(41.7950, -8.7729, 60.6928)

Have a look what the booklet for
YUV(41.7950, -8.7729, 60.6928)
contains.

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Color

**YUV(41.7950, -8.7729,
60.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	6F0A18
RGB	111, 10, 24
RGB Percent	44%, 4%, 9%
CMY	0.5647, 0.9608, 0.9059
CMYK	0.00, 0.91, 0.78, 0.56
HSL	352°, 83%, 24%
HSV	352°, 91%, 44%
XYZ	6.8290, 3.6625, 1.2112
YIQ	41.7950, 55.7020, 25.7660

Conversions

Conversions Part 2

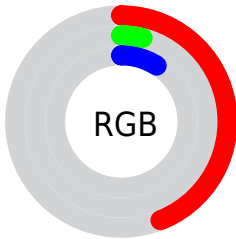
Format	Color
R _Y B	111, 10, 24
Decimal	7277080
CIE Lab	22.52, 41.82, 21.77
CIE LCh	23, 47.144, 27.506
Yxy	3.6625, 0.5835, 0.3130
Android (android.graphics.Color)	4285467160 (0xFF6F0A18)
YUV	41.7950, -8.7729, 60.6928
Hunter-Lab	19.1378, 30.2034, 9.6442

Details

The YUV color **41.7950, -8.7729, 60.6928** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.2050, 8.7729, -60.6928**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4980, -15.0355, 62.7073**, and **16.8580, -7.8180, 34.3275** is the 20% darker color. If you saturate the color by 10%, you get **34.8990, -9.8102, 66.7406**, and if you desaturate by 10%, it is **49.3920, -7.5883, 54.0302**.

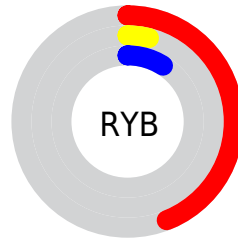
Distribution



Red (44%)

Green (4%)

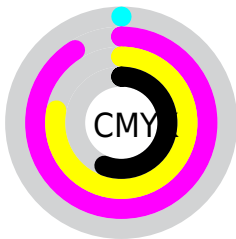
Blue (9%)



Red (44%)

Yellow (4%)

Blue (9%)

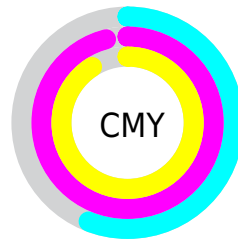


Cyan (0%)

Magenta (91%)

Yellow (78%)

Black (56%)



Cyan (56%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7950, -8.7729, 60.6928 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 41.7950, -8.7729, 60.6928 by changing the saturation by 10% instead.

41.7950, -8.7729,
60.6928

41.7950, -8.7729,
60.6928

254.4300, -2.1840,
0.4999

24.8170, -12.2348,
51.0265

97.4980, -15.0355,
62.7073

16.8580, -7.8180,
34.3275

124.0530,
-16.7881, 64.8515

6.2790, -3.0955,
12.9103

151.1350,
-17.8146, 67.4106

0.0000, 0.0000,
0.0000

177.9070,
-18.6882, 67.6106

196.8340,
-14.7082, 51.0116

216.3480,

-11.0176, 33.8978

236.5630, -7.1796,
16.1692

41.7950, -8.7729,
60.6928

41.7950, -8.7729,
60.6928

34.8990, -9.8102,
66.7406

49.3920, -7.5883,
54.0302

56.8750, -6.8404,
47.4676

64.4720, -5.6557,
40.8051

71.9550, -4.9078,
34.2425

80.1390, -4.0125,
27.0651

■ 87.6220, -3.2646,
20.5025

■ 95.2190, -2.0800,
13.8399

■ 102.7020, -1.3321,
7.2773

■ 110.2990, -0.1474,
0.6148

Harmonies

Analogous

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



40.1000, 8.8247, 63.0563



41.7950, -8.7729, 60.6928



49.2490, -24.2798, 41.0006

Triad

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



41.7950, -8.7729, 60.6928



39.9960, -14.2950, -35.0765



49.4700, 37.2363, -43.3852

Complementary

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



41.7950, -8.7729, 60.6928



79.2050, 8.7729, -60.6928

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.



51.6240, 30.2584, -45.2742



41.7950, -8.7729, 60.6928



45.6160, 2.1613, -40.0052

Square

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



41.7950, -8.7729, 60.6928



46.5710, -22.9595, -9.2708



49.7200, 17.8860, -43.6044



52.3000, 31.8971, -10.7871

Rectangle

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



41.7950, -8.7729, 60.6928



51.2100, -25.2465, 24.3718



49.7200, 17.8860, -43.6044



50.4160, 35.7839, -44.2148

Sweetspot

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



41.7950, -8.7729, 60.6928



118.3450, -3.1281, 23.3764



47.2280, 31.4396, 42.7730



57.6320, -1.7906, 14.3547



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



41.7950, -8.7729, 60.6928



45.6350, -12.6381, 87.1431



60.7440, -25.0168, 44.0745



51.9080, -0.4476, 3.5887



37.8180, -10.2633, 72.0736



77.7290, -21.5584, 148.4507

Inverse Universe

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



41.7950, -8.7729, 60.6928



45.6350, -12.6381, 87.1431



60.2560, 25.0168, -44.0745



51.9080, -0.4476, 3.5887



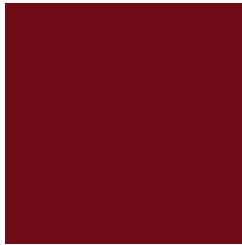
37.8180, -10.2633, 72.0736



77.7290, -21.5584, 148.4507

Previews

White Background



This preview shows how the YUV color 41.7950, -8.7729, 60.6928 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

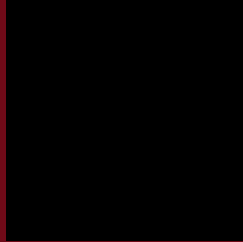
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7950, -8.7729, 60.6928

Background



This preview shows how black text looks on a background with the YUV color 41.7950, -8.7729, 60.6928.



This preview shows how white text looks on a background with the YUV color 41.7950, -8.7729,

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

41.7950, -8.7729, 60.6928

Protanopia

56.1010, -9.9098, 5.1734

Deuteranopia

54.8650, -18.6674, 14.1504



Tritanopia

41.9600, -15.7563, 60.5481

Trichromacy



Original Color

41.7950, -8.7729, 60.6928

Protanomaly

51.0480, -9.3907, 25.3909

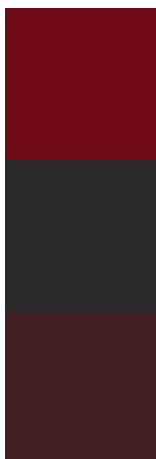
Deuteranomaly

50.3000, -14.9379, 31.3089

Tritanomaly

41.9430, -13.2829, 60.5630

Monochromacy



Original Color

41.7950, -8.7729, 60.6928

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6330, -3.2701, 22.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7950, -8.7729, 60.6928 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(111, 10, 24)` looks like.

```
.text, #text, p{  
    color:rgb(111, 10, 24)  
}
```

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(111, 10, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 10, 24) }
```

Border

The CSS property to change the border of an element to YUV 41.7950, -8.7729, 60.6928 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(111, 10, 24) }
```


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

```
.border{ border-color:rgb(111, 10, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 10, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 10, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 10, 24);  
box-shadow:4px 4px 4px 4px rgb(111, 10,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 41.7950, -8.7729, 60.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 10, 24) }
```

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

```
.background{ background-color: rgb(111, 10,  
24) }
```

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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