

Converting Colors

YUV(44.8940, -12.2727,
63.2370)

Have a look what the booklet for
YUV(44.8940, -12.2727, 63.2370)
contains.

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Color

**YUV(44.8940, -12.2727,
63.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	750D14
RGB	117, 13, 20
RGB Percent	46%, 5%, 8%
CMY	0.5412, 0.9490, 0.9216
CMYK	0.00, 0.89, 0.83, 0.54
HSL	356°, 80%, 25%
HSV	356°, 89%, 46%
XYZ	7.6063, 4.1203, 1.0562
YIQ	44.8940, 59.7370, 24.2250

Conversions

Conversions Part 2

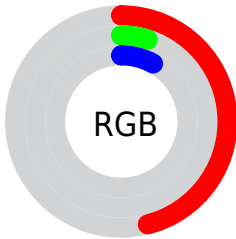
Format	Color
RYB	117, 13, 20
Decimal	7671060
CIELab	24.07, 42.77, 26.42
CIELCh	24, 50.277, 31.706
Yxy	4.1203, 0.5950, 0.3223
Android (android.graphics.Color)	4285861140 (0xFF750D14)
YUV	44.8940, -12.2727, 63.2370
Hunter-Lab	20.2984, 31.3660, 11.1238

Details

The YUV color **44.8940, -12.2727, 63.2370** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **85.1060, 12.2727, -63.2370**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8960, -18.6827, 65.8662**, and **18.2390, -8.9918, 37.5014** is the 20% darker color. If you saturate the color by 10%, you get **36.5960, -13.6048, 70.5143**, and if you desaturate by 10%, it is **53.1920, -10.9407, 55.9596**.

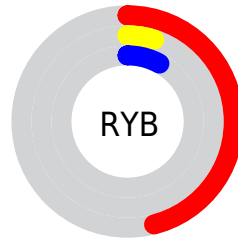
Distribution



Red (46%)

Green (5%)

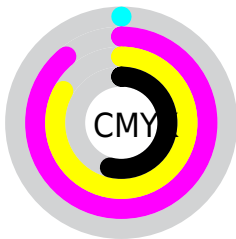
Blue (8%)



Red (46%)

Yellow (5%)

Blue (8%)

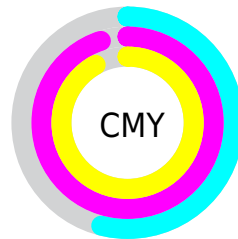


Cyan (0%)

Magenta (89%)

Yellow (83%)

Black (54%)



Cyan (54%)


Magenta (95%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 44.8940, -12.2727, 63.2370 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 44.8940, -12.2727, 63.2370 by changing the saturation by 10% instead.


 44.8940, -12.2727,
63.2370


 44.8940, -12.2727,
63.2370


 253.9740, -3.9312,
0.8998


 26.6110, -13.1192,
54.7152


 100.8960,
-18.6827, 65.8662


 18.2390, -8.9918,
37.5014

 127.7500,
-20.5828, 68.6252

 9.3830, -4.1328,
18.9581

 154.8320,
-21.6092, 71.1843


 0.0000, 0.0000,
0.0000


 179.2120,
-21.3035, 66.4661


 198.0250,
-17.7603, 49.9671


 218.1260,


-14.3591, 32.3385


 237.7540,
-10.2317, 15.1247


 44.8940, -12.2727,
63.2370


 44.8940, -12.2727,
63.2370


 36.5960, -13.6048,
70.5143


 53.1920, -10.9407,
55.9596

 35.8950, -13.7522,
71.1291

 60.9030, -9.3192,
49.1971

 69.2010, -7.9871,
41.9197

 77.4990, -6.6550,
34.6424

 85.2100, -5.0335,
27.8798

■ 93.3940, -4.1382,
20.7025

■ 101.6920, -2.8062,
13.4251

■ 109.9900, -1.4741,
6.1478

■ 117.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



42.3780, 7.2086, 68.0745



44.8940, -12.2727, 63.2370



53.0810, -26.1689, 40.2710

Triad

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



44.8940, -12.2727, 63.2370



43.6150, -13.1212, -38.2504



51.6700, 40.5887, -45.3146

Complementary

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



44.8940, -12.2727, 63.2370



85.1060, 12.2727, -63.2370

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.



55.2260, 33.9056, -48.4332



44.8940, -12.2727, 63.2370



49.4630, 4.2087, -43.3791

Square

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



44.8940, -12.2727, 63.2370



48.0110, -23.6694, -14.9186



53.7950, 20.8071, -47.1782



56.7570, 32.1648, -3.2949

Rectangle

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



44.8940, -12.2727, 63.2370



54.4440, -26.8409, 22.4126



53.7950, 20.8071, -47.1782



53.3170, 39.2837, -46.7590

Sweetspot

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



44.8940, -12.2727, 63.2370



124.4870, -5.1701, 25.0059



53.2610, 31.4233, 48.0061



59.7030, -2.8116, 15.1695



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



44.8940, -12.2727, 63.2370



46.8870, -18.1853, 93.0611



69.3370, -27.7741, 41.8005



54.7940, -0.8844, 3.6887



37.3900, -14.4893, 74.2030



76.6880, -29.4262, 151.9946

Inverse Universe

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



44.8940, -12.2727, 63.2370



46.8870, -18.1853, 93.0611



60.6630, 27.7741, -41.8005



54.7940, -0.8844, 3.6887



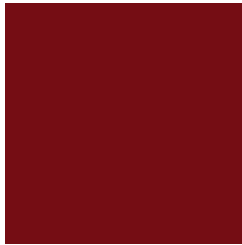
37.3900, -14.4893, 74.2030



76.6880, -29.4262, 151.9946

Previews

White Background



This preview shows how the YUV color 44.8940, -12.2727, 63.2370 looks on a white background.

Color Contrast Check

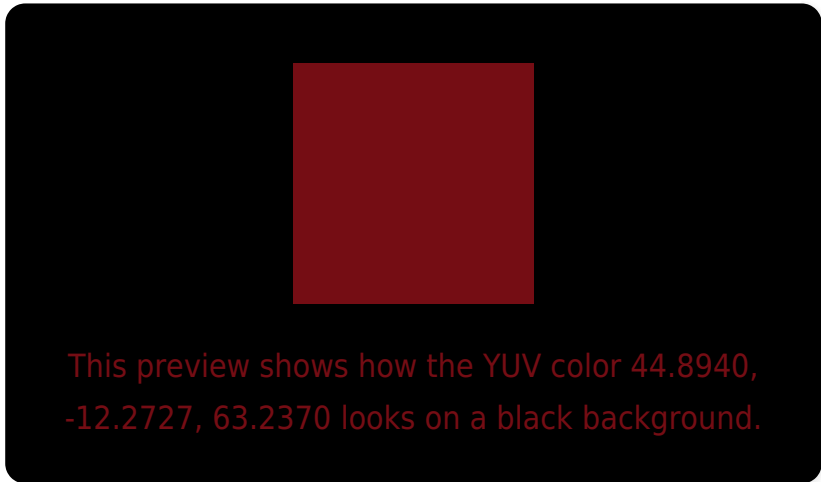
Large Text (above 18pt) WCAG AA ✓ Pass

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

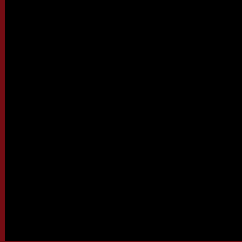
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.8940, -12.2727, 63.2370

Background



This preview shows how black text looks on a background with the YUV color 44.8940, -12.2727, 63.2370.



This preview shows how white text looks on a background with the YUV color 44.8940, -12.2727,

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

44.8940, -12.2727, 63.2370

Protanopia

58.4880, -13.5516, 6.5880

Deuteranopia

57.0950, -24.2038, 16.5797



Tritanopia

44.5690, -16.0565, 63.5220

Trichromacy



Original Color

44.8940, -12.2727, 63.2370

Protanomaly

53.7340, -13.1799, 27.4203

Deuteranomaly

52.6440, -20.0375, 33.6382

Tritanomaly

44.9110, -14.7461, 63.2221

Monochromacy



Original Color

44.8940, -12.2727, 63.2370

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.7040, -4.2911, 23.0616

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.8940, -12.2727, 63.2370 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(117, 13, 20)` looks like.

```
.text, #text, p{  
    color:rgb(117, 13, 20)  
}
```

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(117, 13, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 13, 20) }
```

Border

The CSS property to change the border of an element to YUV 44.8940, -12.2727, 63.2370 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(117, 13, 20) }
```


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

```
.border{ border-color:rgb(117, 13, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 13, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 13, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 13, 20);  
box-shadow:4px 4px 4px 4px rgb(117, 13,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 44.8940, -12.2727, 63.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 13, 20) }
```

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

```
.background{ background-color: rgb(117, 13,  
20) }
```

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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