

Converting Colors

YUV(64.7730, -12.2131,
44.0491)

Have a look what the booklet for
YUV(64.7730, -12.2131, 44.0491)
contains.

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Color

**YUV(64.7730, -12.2131,
44.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	732C28
RGB	115, 44, 40
RGB Percent	45%, 17%, 16%
CMY	0.5490, 0.8275, 0.8431
CMYK	0.00, 0.62, 0.65, 0.55
HSL	3°, 48%, 30%
HSV	3°, 65%, 45%
XYZ	8.3539, 5.5994, 2.6480
YIQ	64.7730, 43.6000, 13.8080

Conversions

Conversions Part 2

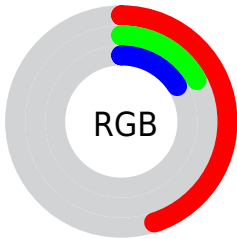
Format	Color
R_{YB}	115, 44, 40
Decimal	7547944
CIE _{Lab}	28.38, 31.02, 18.57
CIE _{LCh}	28, 36.154, 30.905
Yxy	5.5994, 0.5032, 0.3373
Android (android.graphics.Color)	4285738024 (0xFF732C28)
YUV	64.7730, -12.2131, 44.0491
Hunter-Lab	23.6631, 21.6066, 9.9294

Details

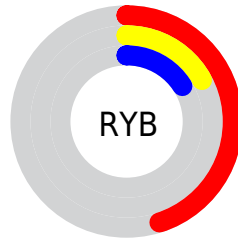
The YUV color **64.7730, -12.2131, 44.0491** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.2270, 12.2131, -44.0491**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4100, -14.9921, 48.7524**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **57.0620, -13.8346, 50.8116**, and if you desaturate by 10%, it is **72.4840, -10.5916, 37.2865**.

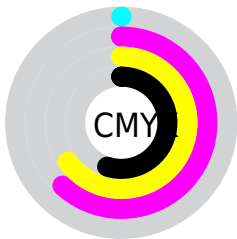
Distribution



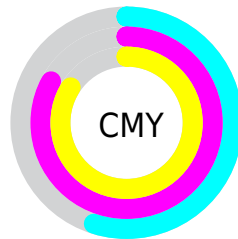
- Red (45%)
- Green (17%)
- Blue (16%)



- Red (45%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (65%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7730, -12.2131, 44.0491 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 64.7730, -12.2131, 44.0491 by changing the saturation by 10% instead.

■ 64.7730, -12.2131,
44.0491

■ 64.7730, -12.2131,
44.0491

■ 255.0000, 0.0000,
0.0000

■ 40.3320, -10.0237,
41.8048

■ 115.4100,
-14.9921, 48.7524

■ 18.5380, -9.1392,
38.1162

■ 141.4920,
-16.0186, 51.3115

■ 11.4760, -5.1647,
23.2615

■ 168.3890,
-16.4608, 53.1558

■ 0.0000, 0.0000,
0.0000

■ 194.9760,
-16.7502, 52.6410

■ 214.4900,
-13.0596, 35.5273

■ 234.1180, -8.9322,

18.3135

■ 253.7460, -4.8048,
1.0998

■ 64.7730, -12.2131,
44.0491

■ 64.7730, -12.2131,
44.0491

■ 57.0620, -13.8346,
50.8116

■ 72.4840, -10.5916,
37.2865

■ 49.2370, -15.8928,
57.6742

■ 80.3090, -8.5333,
30.4240

■ 41.4120, -17.9511,
64.5367

■ 88.1340, -6.4751,
23.5615

■ 37.9070, -18.6882,
67.6106

■ 95.8450, -4.8536,
16.7989

■ 103.0830, -2.5059,
10.4512

■ 110.7940, -0.8844,
3.6887

■ 118.6190, 1.1738,
-3.1739

■ 126.3300, 2.7953,
-9.9364

■ 134.1550, 4.8536,
-16.7989

Harmonies

Analogous

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



65.8020, 0.5906, 44.0236



64.7730, -12.2131, 44.0491



64.7210, -23.5265, 32.6937

Triad

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



64.7730, -12.2131, 44.0491



50.4170, -6.1216, -43.3387



55.1120, 33.4688, -48.3332

Complementary

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



64.7730, -12.2131, 44.0491



90.2270, 12.2131, -44.0491

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.



58.3090, 27.9487, -51.1370



64.7730, -12.2131, 44.0491



54.5980, 6.1142, -47.8824

Square

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



64.7730, -12.2131, 44.0491



60.5820, -22.9649, -7.5264



57.7900, 18.3445, -50.6818



68.0750, 23.1340, -0.0658

Rectangle

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



64.7730, -12.2131, 44.0491



63.8630, -29.0195, 21.1681



57.7900, 18.3445, -50.6818



56.7590, 32.1638, -49.7776

Sweetspot

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



64.7730, -12.2131, 44.0491



130.1440, -5.0010, 17.4137



70.5190, 19.9571, 39.0098



64.2680, -3.0901, 11.1660



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.



64.7730, -12.2131, 44.0491



71.5050, -18.9830, 68.8401



86.4920, -22.9206, 25.0015



54.7940, -0.8844, 3.6887



40.5870, -20.0094, 71.3992



82.3810, -40.6138, 147.0019

Inverse Universe

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



90.2270, 12.2131, -44.0491



111.4950, 18.9830, -68.8401



68.5080, 22.9206, -25.0015



56.6190, 1.1738, -3.1739



82.0000, 19.7200, -71.9140



167.6190, 40.6138, -147.0019

Previews

White Background



This preview shows how the YUV color 64.7730, -12.2131, 44.0491 looks on a white background.

Color Contrast Check

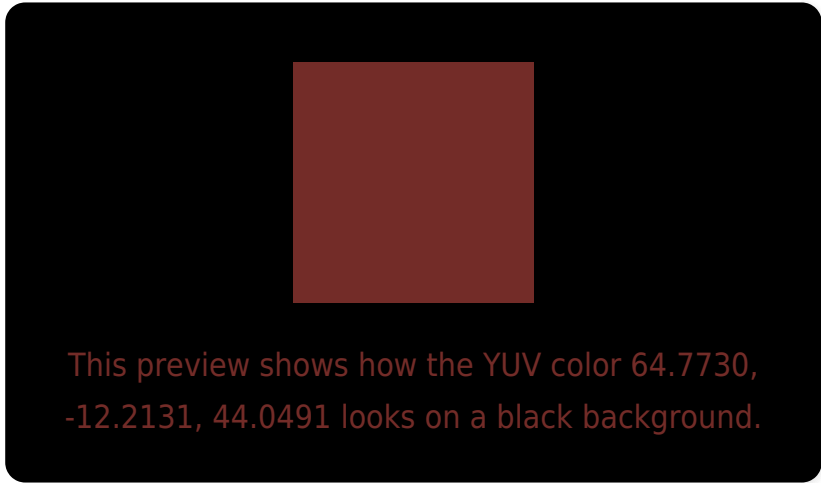
Large Text (above 18pt) WCAG AA ✓ Pass

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

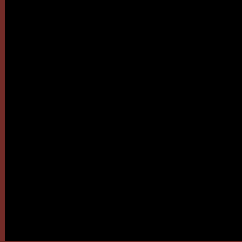
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7730, -12.2131, 44.0491

Background



This preview shows how black text looks on a background with the YUV color 64.7730, -12.2131, 44.0491.

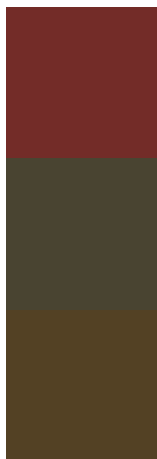


This preview shows how white text looks on a background with the YUV color 64.7730, -12.2131,

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

64.7730, -12.2131, 44.0491

Protanopia

67.3290, -9.0362, 4.9735

Deuteranopia

67.0760, -15.3205, 13.9653



Tritanopia

64.8700, -9.3029, 43.9640

Trichromacy



Original Color

64.7730, -12.2131, 44.0491

Protanomaly

66.1890, -9.9532, 19.1282

Deuteranomaly

66.0820, -14.3374, 25.3611

Tritanomaly

64.6420, -10.1765, 44.1640

Monochromacy



Original Color

64.7730, -12.2131, 44.0491

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6600, -4.2694, 16.0842

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7730, -12.2131, 44.0491 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(115, 44, 40)` looks like.

```
.text, #text, p{  
    color:rgb(115, 44, 40)  
}
```

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(115, 44, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 44, 40) }
```

Border

The CSS property to change the border of an element to YUV 64.7730, -12.2131, 44.0491 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(115, 44, 40) }
```


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

```
.border{ border-color:rgb(115, 44, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 44, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 44, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 44, 40);  
box-shadow:4px 4px 4px 4px rgb(115, 44,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 64.7730, -12.2131, 44.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 44, 40) }
```

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

```
.background{ background-color: rgb(115, 44,  
40) }
```

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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