

Converting Colors

YUV(77.2830, -32.6775,
27.8158)

Have a look what the booklet for
YUV(77.2830, -32.6775, 27.8158)
contains.

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Color

**YUV(77.2830, -32.6775,
27.8158)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4A0B
RGB	109, 74, 11
RGB Percent	43%, 29%, 4%
CMY	0.5725, 0.7098, 0.9569
CMYK	0.00, 0.32, 0.90, 0.57
HSL	39°, 82%, 24%
HSV	39°, 90%, 43%
XYZ	8.8159, 8.1729, 1.4295
YIQ	77.2830, 41.0830, -12.1730

Conversions

Conversions Part 2

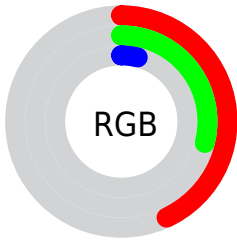
Format	Color
RYB	65, 109, 11
Decimal	7162379
CIELab	34.34, 9.35, 39.61
CIElCh	34, 40.700, 76.723
Yxy	8.1729, 0.4786, 0.4437
Android (android.graphics.Color)	4285352459 (0xFF6D4A0B)
YUV	77.2830, -32.6775, 27.8158
Hunter-Lab	28.5883, 5.0149, 17.0472

Details

The YUV color **77.2830, -32.6775, 27.8158** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **42.7170, 32.6775, -27.8158**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0770, -33.5620, 31.5045**, and **34.6530, -17.0839, 19.5983** is the 20% darker color. If you saturate the color by 10%, you get **73.6810, -36.3247, 30.9748**, and if you desaturate by 10%, it is **80.8850, -29.0303, 24.6569**.

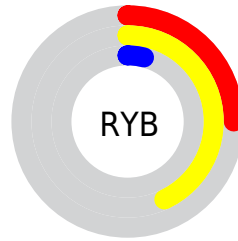
Distribution



Red (43%)

Green (29%)

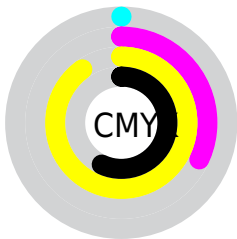
Blue (4%)



Red (25%)

Yellow (43%)

Blue (4%)

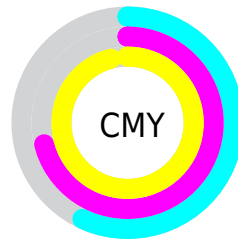


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (57%)



Cyan (57%)


Magenta (71%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 77.2830, -32.6775, 27.8158 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 77.2830, -32.6775, 27.8158 by changing the saturation by 10% instead.


 77.2830, -32.6775,
27.8158


 77.2830, -32.6775,
27.8158


 254.0880, -3.4944,
0.7998


 54.7540, -26.9937,
24.7717


 128.0770,
-33.5620, 31.5045


 34.6530, -17.0839,
19.5983

 154.2730,
-34.1516, 33.9636

 14.2640, -7.0322,
15.5545

 181.6430,
-35.3200, 35.3931

 0.0000, 0.0000,
0.0000

 209.4260,
-36.1990, 37.3374

 229.8370,
-32.9506, 22.0680

 247.5900,

-28.3919, 6.4986

■ 250.7820,
-16.1615, 3.6992

■ 77.2830, -32.6775,
27.8158

■ 77.2830, -32.6775,
27.8158

■ 73.6810, -36.3247,
30.9748

■ 80.8850, -29.0303,
24.6569

■ 84.4870, -25.3831,
21.4979

■ 88.0890, -21.7359,
18.3389

■ 91.6910, -18.0887,
15.1800

■ 94.7060, -14.1521,
12.5358

■ 98.1940, -10.9416,
9.4769

■ 101.7960, -7.2944,
6.3179

■ 105.3980, -3.6472,
3.1590

■ 109.0000, 0.0000,
0.0000

Harmonies

Analogous

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



78.6670, -21.5278, 45.0190



77.2830, -32.6775, 27.8158



74.8410, -32.4596, 4.5244

Triad

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



77.2830, -32.6775, 27.8158



67.5240, 15.0247, -59.2185



83.2130, 20.6010, 19.1072

Complementary

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



77.2830, -32.6775, 27.8158



42.7170, 32.6775, -27.8158

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.



77.6360, 32.2245, -22.4828



77.2830, -32.6775, 27.8158



69.6560, 28.2706, -61.0883

Square

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



77.2830, -32.6775, 27.8158



63.1750, 0.8997, -55.4045



68.6590, 37.1431, -60.2139



81.0500, 7.8634, 44.6832

Rectangle

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



77.2830, -32.6775, 27.8158



72.3100, -23.8168, -14.3039



68.6590, 37.1431, -60.2139



82.8740, 24.7121, 7.1265

Sweetspot

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



77.2830, -32.6775, 27.8158



130.3360, -12.9836, 11.1063



44.4060, 1.2788, 56.6489



63.7960, -7.2944, 6.3179



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



77.2830, -32.6775, 27.8158



96.7610, -47.7032, 40.5516



93.9410, -40.8899, 1.8057



52.1420, -2.0420, 1.6295



79.0080, -38.9509, 33.3190



165.4140, -81.5491, 69.7969

Inverse Universe

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



42.7170, 32.6775, -27.8158



46.2390, 47.7032, -40.5516



26.0590, 40.8899, -1.8057



49.8580, 2.0420, -1.6295



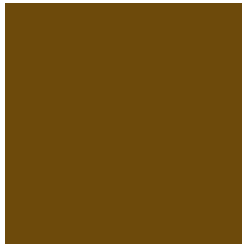
37.9920, 38.9509, -33.3190



78.9990, 81.8385, -69.2821

Previews

White Background



This preview shows how the YUV color 77.2830, -32.6775, 27.8158 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 77.2830, -32.6775, 27.8158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

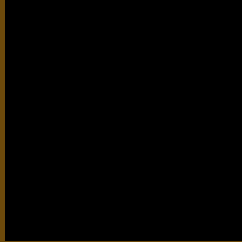
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.2830, -32.6775, 27.8158

Background



This preview shows how black text looks on a background with the YUV color 77.2830, -32.6775, 27.8158.



This preview shows how white text looks on a background with the YUV color 77.2830, -32.6775,

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

77.2830, -32.6775, 27.8158

Protanopia

76.5370, -31.3237, 13.5611

Deuteranopia

76.9080, -33.9716, 22.8827



Tritanopia

82.4270, -4.1545, 25.9355

Trichromacy



Original Color

77.2830, -32.6775, 27.8158

Protanomaly

76.4560, -31.7768, 18.8941

Deuteranomaly

77.0330, -33.5403, 24.5271

Tritanomaly

80.6800, -14.6322, 26.5906

Monochromacy



Original Color

77.2830, -32.6775, 27.8158

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2650, -11.9626, 10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2830, -32.6775, 27.8158 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(109, 74, 11)` looks like.

```
.text, #text, p{  
    color:rgb(109, 74, 11)  
}
```

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(109, 74, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 74, 11) }
```

Border

The CSS property to change the border of an element to YUV 77.2830, -32.6775, 27.8158 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(109, 74, 11) }
```


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

```
.border{ border-color:rgb(109, 74, 11) }
```

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

Here you see how a box with a 4 pixel rgb(109, 74, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 74, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 74, 11);  
box-shadow:4px 4px 4px 4px rgb(109, 74,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 77.2830, -32.6775, 27.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 74, 11) }
```

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

```
.background{ background-color: rgb(109, 74,  
11) }
```

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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