

Converting Colors

YUV(78.8470, -28.0256,
29.0752)

Have a look what the booklet for
YUV(78.8470, -28.0256, 29.0752)
contains.

YUV(78.8470, -28.0256, 29.0752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(78.8470, -28.0256,
29.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	704916
RGB	112, 73, 22
RGB Percent	44%, 29%, 9%
CMY	0.5608, 0.7137, 0.9137
CMYK	0.00, 0.35, 0.80, 0.56
HSL	34°, 67%, 26%
HSV	34°, 80%, 44%
XYZ	9.2095, 8.2678, 1.8695
YIQ	78.8470, 39.6150, -7.5930

Conversions

Conversions Part 2

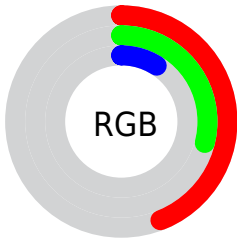
Format	Color
RYB	91, 112, 22
Decimal	7358742
CIELab	34.53, 11.83, 35.53
CIELCh	35, 37.450, 71.585
Yxy	8.2678, 0.4760, 0.4273
Android (android.graphics.Color)	4285548822 (0xFF704916)
YUV	78.8470, -28.0256, 29.0752
Hunter-Lab	28.7537, 6.8523, 16.2727

Details

The YUV color **78.8470, -28.0256, 29.0752** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **55.1530, 28.0256, -29.0752**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4130, -29.7836, 32.9638**, and **34.9630, -17.2368, 21.9574** is the 20% darker color. If you saturate the color by 10%, you get **74.6580, -31.3834, 32.7489**, and if you desaturate by 10%, it is **83.0360, -24.6677, 25.4014**.

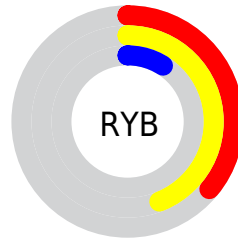
Distribution



Red (44%)

Green (29%)

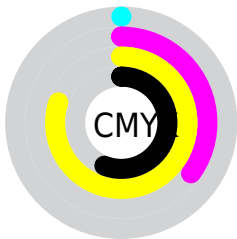
Blue (9%)



Red (36%)

Yellow (44%)

Blue (9%)

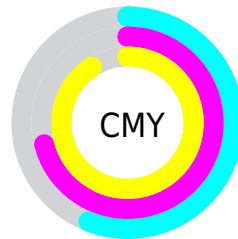


Cyan (0%)

Magenta (35%)

Yellow (80%)

Black (56%)



Cyan (56%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8470, -28.0256, 29.0752 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 78.8470, -28.0256, 29.0752 by changing the saturation by 10% instead.

■ 78.8470, -28.0256,
29.0752

■ 78.8470, -28.0256,
29.0752

■ 255.0000, 0.0000,
0.0000

■ 55.0640, -27.1466,
27.1309

■ 129.4130,
-29.7836, 32.9638

■ 34.9630, -17.2368,
21.9574

■ 155.4950,
-30.8100, 35.5229

■ 14.5740, -7.1850,
17.9136

■ 182.8650,
-31.9784, 36.9524

■ 0.0000, 0.0000,
0.0000

■ 210.7620,
-32.4207, 38.7967

■ 230.1620,
-29.1669, 21.7829

■ 248.6160,

-24.4607, 5.5988

■ 251.8080,
-12.2303, 2.7994

■ 78.8470, -28.0256,
29.0752

■ 78.8470, -28.0256,
29.0752

■ 74.6580, -31.3834,
32.7489

■ 83.0360, -24.6677,
25.4014

■ 70.4690, -34.7412,
36.4227

■ 87.2250, -21.3099,
21.7277

■ 91.5280, -17.5153,
17.9539

■ 95.1300, -13.8681,
14.7950

■ 99.3190, -10.5103,
11.1212

■ 103.5080, -7.1524,
7.4475

■ 107.6970, -3.7946,
3.7737

■ 112.0000, 0.0000,
0.0000

■ 116.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



79.5790, -18.0334, 44.2192



78.8470, -28.0256, 29.0752



76.3730, -29.2709, 8.4429

Triad

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



78.8470, -28.0256, 29.0752



66.8400, 12.4039, -58.6187



83.5820, 20.9121, 12.6446

Complementary

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



78.8470, -28.0256, 29.0752



55.1530, 28.0256, -29.0752

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.



76.9620, 31.0777, -28.0307



78.8470, -28.0256, 29.0752



68.8580, 25.2130, -60.3885

Square

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



78.8470, -28.0256, 29.0752



62.1320, -0.5581, -54.4898



68.5620, 34.2329, -60.1289



82.6470, 9.0480, 38.0206

Rectangle

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



78.8470, -28.0256, 29.0752



74.1690, -23.2543, -8.0412



68.5620, 34.2329, -60.1289



83.0150, 24.1496, 0.8638

Sweetspot

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



78.8470, -28.0256, 29.0752



132.2050, -10.9471, 11.2212



53.3560, 3.7685, 51.4308



66.3230, -6.5682, 6.7327



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.



78.8470, -28.0256, 29.0752



93.9340, -43.3515, 44.7849



99.9460, -38.4274, 5.3094



54.1420, -2.0420, 1.6295



75.7960, -37.3674, 38.7669



156.0330, -76.9243, 79.7781

Inverse Universe

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



55.1530, 28.0256, -29.0752



57.0660, 43.3515, -44.7849



34.0540, 38.4274, -5.3094



52.4450, 1.7526, -2.1443



44.2040, 37.3674, -38.7669



90.9670, 76.9243, -79.7781

Previews

White Background



This preview shows how the YUV color 78.8470, -28.0256, 29.0752 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 78.8470, -28.0256, 29.0752 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 78.8470, -28.0256, 29.0752

Background



This preview shows how black text looks on a background with the YUV color 78.8470, -28.0256, 29.0752.



This preview shows how white text looks on a background with the YUV color 78.8470, -28.0256,

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

78.8470, -28.0256, 29.0752

Protanopia

78.3780, -26.8084, 11.9465

Deuteranopia

78.8630, -29.0195, 21.1681



Tritanopia

82.6230, -4.7441, 28.3946

Trichromacy



Original Color

78.8470, -28.0256, 29.0752

Protanomaly

78.5960, -27.4088, 17.8943

Deuteranomaly

78.7000, -28.4461, 23.9421

Tritanomaly

81.3320, -13.4747, 28.6498

Monochromacy



Original Color

78.8470, -28.0256, 29.0752

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0200, -10.3629, 10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8470, -28.0256, 29.0752 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(112, 73, 22)` looks like.

```
.text, #text, p{  
    color:rgb(112, 73, 22)  
}
```

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(112, 73, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 73, 22) }
```

Border

The CSS property to change the border of an element to YUV 78.8470, -28.0256, 29.0752 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(112, 73, 22) }
```


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

```
.border{ border-color:rgb(112, 73, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 73, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 73, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 73, 22);  
box-shadow:4px 4px 4px 4px rgb(112, 73,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 78.8470, -28.0256, 29.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 73, 22) }
```

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

```
.background{ background-color: rgb(112, 73,  
22) }
```

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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