

Converting Colors

YUV(70.7280, -27.4739,
38.8265)

Have a look what the booklet for
YUV(70.7280, -27.4739, 38.8265)
contains.

YUV(70.7280, -27.4739, 38.8265)	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(70.7280, -27.4739,
38.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	733B0F
RGB	115, 59, 15
RGB Percent	45%, 23%, 6%
CMY	0.5490, 0.7686, 0.9412
CMYK	0.00, 0.49, 0.87, 0.55
HSL	26°, 77%, 25%
HSV	26°, 87%, 45%
XYZ	8.7204, 6.8073, 1.3063
YIQ	70.7280, 47.5000, -1.8120

Conversions

Conversions Part 2

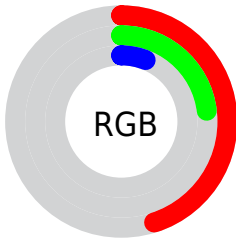
Format	Color
R_{YB}	115, 94, 15
Decimal	7551759
CIE Lab	31.36, 21.36, 35.88
CIE LCh	31, 41.753, 59.236
Yxy	6.8073, 0.5180, 0.4044
Android (android.graphics.Color)	4285741839 (0xFF733B0F)
YUV	70.7280, -27.4739, 38.8265
Hunter-Lab	26.0907, 14.0021, 15.2951

Details

The YUV color **70.7280, -27.4739, 38.8265** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **59.2720, 27.4739, -38.8265**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1910, -29.6742, 44.5595**, and **27.0440, -13.3327, 29.7794** is the 20% darker color. If you saturate the color by 10%, you get **65.8380, -30.9791, 43.1151**, and if you desaturate by 10%, it is **75.6180, -23.9687, 34.5380**.

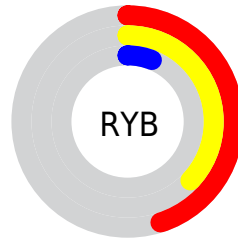
Distribution



Red (45%)

Green (23%)

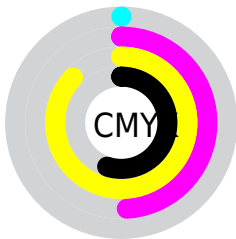
Blue (6%)



Red (45%)

Yellow (37%)

Blue (6%)

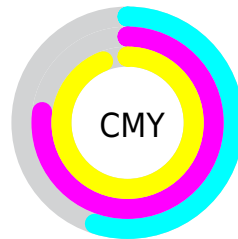


Cyan (0%)

Magenta (49%)

Yellow (87%)

Black (55%)



Cyan (55%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7280, -27.4739, 38.8265 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 70.7280, -27.4739, 38.8265 by changing the saturation by 10% instead.

70.7280, -27.4739,
38.8265

70.7280, -27.4739,
38.8265

254.0880, -3.4944,
0.7998

47.4440, -23.3899,
35.5676

121.1910,
-29.6742, 44.5595

27.0440, -13.3327,
29.7794

147.2730,
-30.7006, 47.1186

11.3620, -5.6015,
23.3615

174.6430,
-31.8690, 48.5481

0.0000, 0.0000,
0.0000

200.9310,
-32.0110, 47.4185

220.4450,
-28.3204, 30.3047

239.9590,

-24.6298, 13.1910

■ 250.7820,
-16.1615, 3.6992

■ 70.7280, -27.4739,
38.8265

■ 70.7280, -27.4739,
38.8265

■ 65.8380, -30.9791,
43.1151

■ 75.6180, -23.9687,
34.5380

■ 64.3220, -31.7107,
44.4446

■ 80.9810, -21.1896,
29.8347

■ 85.7570, -18.1212,
25.6461

■ 91.2340, -14.9054,
20.8428

■ 96.1240, -11.4001,
16.5543

■ 101.4870, -8.6211,
11.8509

■ 106.3770, -5.1159,
7.5624

■ 111.7400, -2.3368,
2.8590

■ 116.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



70.3010, -12.9664, 52.3560



70.7280, -27.4739, 38.8265



69.1740, -34.1028, 18.2644

Triad

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



70.7280, -27.4739, 38.8265



60.4510, 5.6937, -53.0155



74.3180, 27.9442, -2.9099

Complementary

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



70.7280, -27.4739, 38.8265



59.2720, 27.4739, -38.8265

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.



61.6320, 38.1424, -54.0513



70.7280, -27.4739, 38.8265



64.2130, 20.1080, -56.3148

Square

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



70.7280, -27.4739, 38.8265



54.8140, -8.2893, -48.0719



64.7150, 32.1855, -56.7551



75.1500, 16.1951, 32.3175

Rectangle

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



70.7280, -27.4739, 38.8265



67.0040, -33.0330, 1.7505



64.7150, 32.1855, -56.7551



70.9460, 32.0716, -20.1236

Sweetspot

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



70.7280, -27.4739, 38.8265



133.2270, -10.9579, 14.7099



51.3980, 10.1568, 55.7790



66.0460, -6.4317, 9.6067



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.



70.7280, -27.4739, 38.8265



83.5920, -41.2109, 58.2398



99.4910, -41.6541, 13.6014



55.9680, -1.4632, 2.6591



68.1760, -33.6108, 47.2036



139.3200, -68.6848, 97.0664

Inverse Universe

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



59.2720, 27.4739, -38.8265



66.4080, 41.2109, -58.2398



30.5090, 41.6541, -13.6014



55.4450, 1.7526, -2.1443



54.4110, 33.3214, -47.7184



110.6800, 68.6848, -97.0664

Previews

White Background



This preview shows how the YUV color 70.7280, -27.4739, 38.8265 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 70.7280, -27.4739, 38.8265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

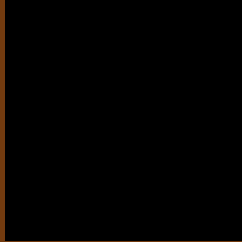
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7280, -27.4739, 38.8265

Background



This preview shows how black text looks on a background with the YUV color 70.7280, -27.4739, 38.8265.



This preview shows how white text looks on a background with the YUV color 70.7280, -27.4739,

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

70.7280, -27.4739, 38.8265

Protanopia

71.3070, -25.7874, 11.1318

Deuteranopia

70.4670, -31.7822, 20.6384



Tritanopia

73.9940, -7.3920, 37.7163

Trichromacy



Original Color

70.7280, -27.4739, 38.8265

Protanomaly

70.9600, -26.1093, 21.0831

Deuteranomaly

70.8530, -30.4935, 27.3159

Tritanomaly

72.4580, -14.5228, 38.1863

Monochromacy



Original Color

70.7280, -27.4739, 38.8265

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1560, -9.9369, 13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7280, -27.4739, 38.8265 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, 59, 15)` looks like.

```
.text, #text, p{  
    color:rgb(115, 59, 15)  
}
```

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, 59, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 59, 15) }
```

Border

The CSS property to change the border of an element to YUV 70.7280, -27.4739, 38.8265 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, 59, 15) }
```


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

```
.border{ border-color:rgb(115, 59, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 59, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 59, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 59, 15);  
box-shadow:4px 4px 4px 4px rgb(115, 59,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 70.7280, -27.4739, 38.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 59, 15) }
```

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

```
.background{ background-color: rgb(115, 59,  
15) }
```

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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