

Converting Colors

YUV(72.6830, -25.9727,
23.9570)

Have a look what the booklet for
YUV(72.6830, -25.9727, 23.9570)
contains.

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Color

**YUV(72.6830, -25.9727,
23.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	644514
RGB	100, 69, 20
RGB Percent	39%, 27%, 8%
CMY	0.6078, 0.7294, 0.9216
CMYK	0.00, 0.31, 0.80, 0.61
HSL	37°, 67%, 24%
HSV	37°, 80%, 39%
XYZ	7.5099, 7.0161, 1.6202
YIQ	72.6830, 34.2050, -8.6670

Conversions

Conversions Part 2

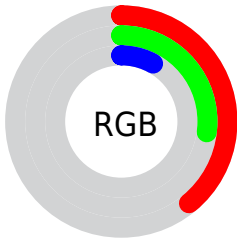
Format	Color
R_{YB}	71, 100, 20
Decimal	6571284
CIE Lab	31.84, 8.33, 33.30
CIE LCh	32, 34.322, 75.951
Yxy	7.0161, 0.4651, 0.4345
Android (android.graphics.Color)	4284761364 (0xFF644514)
YUV	72.6830, -25.9727, 23.9570
Hunter-Lab	26.4879, 4.2551, 14.9148

Details

The YUV color **72.6830, -25.9727, 23.9570** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **47.3170, 25.9727, -23.9570**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2490, -27.7308, 27.8456**, and **29.9130, -14.7471, 16.7393** is the 20% darker color. If you saturate the color by 10%, you get **69.1950, -29.1831, 27.0160**, and if you desaturate by 10%, it is **76.1710, -22.7623, 20.8980**.

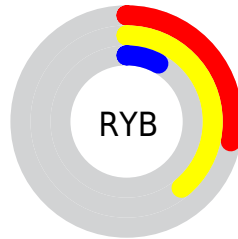
Distribution



 Red (39%)

 Green (27%)

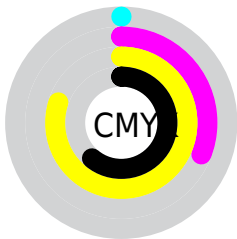
 Blue (8%)



 Red (28%)

 Yellow (39%)

 Blue (8%)

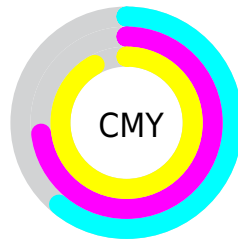



 Cyan (0%)

 Magenta (31%)

 Yellow (80%)

 Black (61%)



 Cyan (61%)

 Magenta (73%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6830, -25.9727, 23.9570 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 72.6830, -25.9727, 23.9570 by changing the saturation by 10% instead.

■ 72.6830, -25.9727,
23.9570

■ 72.6830, -25.9727,
23.9570

■ 254.7720, -0.8736,
0.2000

■ 49.7150, -24.5095,
21.2979

■ 122.2490,
-27.7308, 27.8456

■ 29.9130, -14.7471,
16.7393

■ 148.7330,
-28.4624, 29.1752

■ 7.4750, -3.6852,
15.3694

■ 175.5160,
-29.3414, 31.1195


■ 0.0000, 0.0000,
0.0000


■ 202.8860,
-30.5098, 32.5490


■ 226.8850,
-29.0303, 24.6569


■ 247.1000,


-25.1923, 6.9283


 251.4660,
-13.5407, 3.0993


 72.6830, -25.9727,
23.9570


 72.6830, -25.9727,
23.9570


 69.1950, -29.1831,
27.0160


 76.1710, -22.7623,
20.8980

 65.7070, -32.3936,
30.0750

 79.6590, -19.5519,
17.8391

 83.1470, -16.3415,
14.7801

 86.6350, -13.1311,
11.7211

 89.5360, -9.6312,
9.1769

■ 93.0240, -6.4208,
6.1180

■ 96.5120, -3.2104,
3.0590

■ 100.0000, 0.0000,
0.0000

■ 103.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



73.2470, -17.8698, 38.3714



72.6830, -25.9727, 23.9570



70.6760, -25.4763, 4.6691

Triad

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



72.6830, -25.9727, 23.9570



61.8020, 13.4086, -54.2004



77.6810, 17.4123, 15.1888

Complementary

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



72.6830, -25.9727, 23.9570



47.3170, 25.9727, -23.9570

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.



72.8770, 26.6826, -18.3091



72.6830, -25.9727, 23.9570



63.3640, 24.4705, -55.5702

Square

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



72.6830, -25.9727, 23.9570



58.0230, 1.4677, -50.8862



62.0250, 32.0327, -54.3959



75.9520, 6.4327, 36.8761

Rectangle

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



72.6830, -25.9727, 23.9570



68.1840, -19.3177, -10.6854



62.0250, 32.0327, -54.3959



77.1250, 20.6444, 5.1524

Sweetspot

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



72.6830, -25.9727, 23.9570



119.4220, -10.0680, 9.2769



47.5680, 2.1850, 45.9829



59.7250, -6.2734, 5.5032



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



72.6830, -25.9727, 23.9570



87.5740, -40.7090, 37.2076



88.4880, -33.7646, 3.0800



49.2560, -1.6052, 1.5295



75.4750, -37.2092, 34.6634



159.2340, -78.5024, 72.5858

Inverse Universe

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



47.3170, 25.9727, -23.9570



48.0130, 40.4196, -37.7224



31.5120, 33.7646, -3.0800



47.7440, 1.6052, -1.5295



38.9380, 37.4986, -34.1486



82.7660, 78.5024, -72.5858

Previews

White Background



This preview shows how the YUV color 72.6830, -25.9727, 23.9570 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 72.6830, -25.9727, 23.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

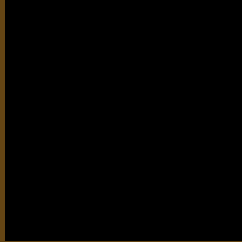
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6830, -25.9727, 23.9570

Background



This preview shows how black text looks on a background with the YUV color 72.6830, -25.9727, 23.9570.



This preview shows how white text looks on a background with the YUV color 72.6830, -25.9727,

23.9570.

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

72.6830, -25.9727, 23.9570

Protanopia

71.6490, -24.4770, 10.8318

Deuteranopia

72.2480, -26.2513, 19.9535



Tritanopia

76.2310, -3.5649, 23.4764

Trichromacy



Original Color

72.6830, -25.9727, 23.9570

Protanomaly

72.1550, -25.2194, 15.6501

Deuteranomaly

72.2590, -26.2567, 21.6979

Tritanomaly

75.0540, -11.8586, 23.6316

Monochromacy



Original Color

72.6830, -25.9727, 23.9570

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2370, -9.4838, 8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6830, -25.9727, 23.9570 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(100, 69, 20)` looks like.

```
.text, #text, p{  
    color:rgb(100, 69, 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(100, 69, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 69, 20) }
```

Border

The CSS property to change the border of an element to YUV 72.6830, -25.9727, 23.9570 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(100, 69, 20) }
```


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

```
.border{ border-color:rgb(100, 69, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 69, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 69, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 69, 20);  
box-shadow:4px 4px 4px 4px rgb(100, 69,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 72.6830, -25.9727, 23.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 69, 20) }
```

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

```
.background{ background-color: rgb(100, 69,  
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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