

Converting Colors

YUV(72.2750, -23.7996,
26.9458)

Have a look what the booklet for
YUV(72.2750, -23.7996, 26.9458)
contains.

YUV(72.2750, -23.7996, 26.9458)	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(72.2750, -23.7996,
26.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	674218
RGB	103, 66, 24
RGB Percent	40%, 26%, 9%
CMY	0.5961, 0.7412, 0.9059
CMYK	0.00, 0.36, 0.77, 0.60
HSL	32°, 62%, 25%
HSV	32°, 77%, 40%
XYZ	7.7066, 6.8459, 1.7794
YIQ	72.2750, 35.5340, -5.2180

Conversions

Conversions Part 2

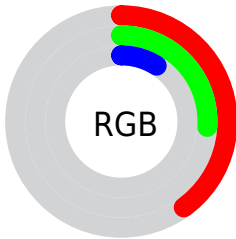
Format	Color
R_{YB}	94, 103, 24
Decimal	6767128
CIE Lab	31.45, 11.87, 31.06
CIE LCh	31, 33.253, 69.088
Yxy	6.8459, 0.4719, 0.4192
Android (android.graphics.Color)	4284957208 (0xFF674218)
YUV	72.2750, -23.7996, 26.9458
Hunter-Lab	26.1648, 6.7873, 14.2832

Details

The YUV color **72.2750, -23.7996, 26.9458** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.7250, 23.7996, -26.9458**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8410, -25.5576, 30.8344**, and **29.0490, -14.3212, 20.1280** is the 20% darker color. If you saturate the color by 10%, you get **68.2000, -26.7206, 30.5196**, and if you desaturate by 10%, it is **76.3500, -20.8785, 23.3721**.

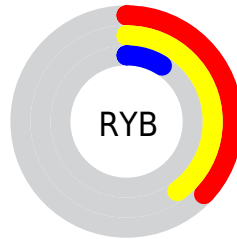
Distribution



Red (40%)

Green (26%)

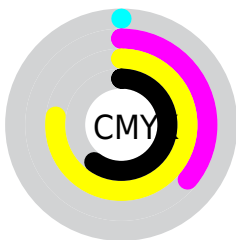
Blue (9%)



Red (37%)

Yellow (40%)

Blue (9%)

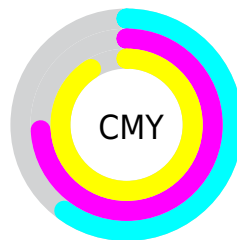


Cyan (0%)

Magenta (36%)

Yellow (77%)

Black (60%)



Cyan (60%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2750, -23.7996, 26.9458 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 72.2750, -23.7996, 26.9458 by changing the saturation by 10% instead.

72.2750, -23.7996,
26.9458

72.2750, -23.7996,
26.9458

255.0000, 0.0000,
0.0000

48.8510, -24.0835,
24.6867

121.8410,
-25.5576, 30.8344

29.0490, -14.3212,
20.1280

147.6240,
-26.4366, 32.7788

8.3720, -4.1274,
17.2138

174.9940,
-27.6050, 34.2083


0.0000, 0.0000,
0.0000


202.4780,
-28.3367, 35.5378


225.5800,
-26.4149, 25.8013


245.0940,


-22.7243, 8.6876


 251.8080,
-12.2303, 2.7994


 72.2750, -23.7996,
26.9458


 72.2750, -23.7996,
26.9458


 68.2000, -26.7206,
30.5196


 76.3500, -20.8785,
23.3721


 64.0110, -30.0784,
34.1934

 80.5390, -17.5207,
19.6983

 63.0820, -31.0994,
35.0081

 84.0270, -14.3103,
16.6393

 88.1020, -11.3893,
13.0655

 92.2910, -8.0315,
9.3918

■ 96.3660, -5.1104,
5.8180

■ 100.4410, -2.1894,
2.2442

■ 104.5160, 0.7316,
-1.3295

■ 108.1180, 4.3788,
-4.4885

Harmonies

Analogous

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



72.9420, -15.2544, 39.5159



72.2750, -23.7996, 26.9458



70.4100, -25.3451, 9.2874

Triad

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



72.2750, -23.7996, 26.9458



60.3030, 10.2036, -52.8857



76.3920, 19.0337, 8.4262

Complementary

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



72.2750, -23.7996, 26.9458



54.7250, 23.7996, -26.9458

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.



69.3490, 27.4359, -26.6161



72.2750, -23.7996, 26.9458



62.5660, 21.4130, -54.8704

Square

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



72.2750, -23.7996, 26.9458



56.3500, -1.1585, -48.5419



62.0420, 29.5593, -54.4108



75.7880, 8.4855, 31.7579

Rectangle

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



72.2750, -23.7996, 26.9458



68.6470, -21.5180, -4.9524



62.0420, 29.5593, -54.4108



74.8360, 22.2659, -1.6102

Sweetspot

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



72.2750, -23.7996, 26.9458



123.2480, -9.4893, 10.3065



51.9530, 4.9532, 44.7682



61.5510, -5.6946, 6.5328



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



72.2750, -23.7996, 26.9458



86.8180, -37.3783, 42.2556



93.6950, -34.3596, 7.2835



49.2560, -1.6052, 1.5295



70.1920, -34.6047, 39.2966



148.0810, -73.0039, 82.3670

Inverse Universe

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



54.7250, 23.7996, -26.9458



59.1820, 37.3783, -42.2556



33.3050, 34.3596, -7.2835



47.7440, 1.6052, -1.5295



44.8080, 34.6047, -39.2966



93.9190, 73.0039, -82.3670

Previews

White Background



This preview shows how the YUV color 72.2750, -23.7996, 26.9458 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 72.2750, -23.7996, 26.9458 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 72.2750, -23.7996, 26.9458

Background



This preview shows how black text looks on a background with the YUV color 72.2750, -23.7996, 26.9458.



This preview shows how white text looks on a background with the YUV color 72.2750, -23.7996,

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

72.2750, -23.7996, 26.9458

Protanopia

71.8060, -22.5824, 9.8171

Deuteranopia

71.9920, -24.6461, 18.4240



Tritanopia

75.3130, -4.5913, 26.0355

Trichromacy



Original Color

72.2750, -23.7996, 26.9458

Protanomaly

72.0240, -23.1828, 15.7650

Deuteranomaly

72.1280, -24.2201, 21.8127

Tritanomaly

73.8910, -11.2853, 26.4056

Monochromacy



Original Color

72.2750, -23.7996, 26.9458

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2750, -23.7996, 26.9458 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(103, 66, 24)` looks like.

```
.text, #text, p{  
    color:rgb(103, 66, 24)  
}
```

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(103, 66, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 66, 24) }
```

Border

The CSS property to change the border of an element to YUV 72.2750, -23.7996, 26.9458 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(103, 66, 24) }
```


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

```
.border{ border-color:rgb(103, 66, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 66, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 66, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 66, 24);  
box-shadow:4px 4px 4px 4px rgb(103, 66,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 72.2750, -23.7996, 26.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 66, 24) }
```

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

```
.background{ background-color: rgb(103, 66,  
24) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor