

Converting Colors

YUV(48.2750, -23.7996,
26.9458)

Have a look what the booklet for
YUV(48.2750, -23.7996, 26.9458)
contains.

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Color

**YUV(48.2750, -23.7996,
26.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2A00
RGB	79, 42, 0
RGB Percent	31%, 16%, 0%
CMY	0.6902, 0.8353, 1.0000
CMYK	0.00, 0.47, 1.00, 0.69
HSL	32°, 100%, 15%
HSV	32°, 100%, 31%
XYZ	4.0524, 3.3182, 0.4269
YIQ	48.2750, 35.5340, -5.2180

Conversions

Conversions Part 2

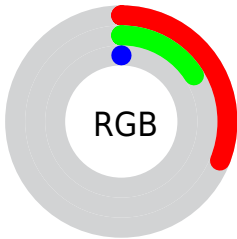
Format	Color
RYB	70, 79, 0
Decimal	5188096
CIELab	21.28, 14.00, 30.58
CIElCh	21, 33.630, 65.393
Yxy	3.3182, 0.5197, 0.4255
Android (android.graphics.Color)	4283378176 (0xFF4F2A00)
YUV	48.2750, -23.7996, 26.9458
Hunter-Lab	18.2159, 7.8323, 11.3617

Details

The YUV color **48.2750, -23.7996, 26.9458** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **30.7250, 23.7996, -26.9458**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4820, -24.3946, 31.1493**, and **8.9700, -4.4222, 18.4433** is the 20% darker color. If you saturate the color by 10%, you get **48.2750, -23.7996, 26.9458**, and if you desaturate by 10%, it is **51.5350, -21.4628, 24.0868**.

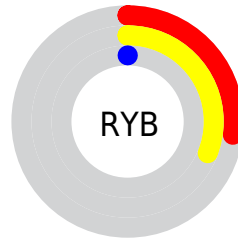
Distribution



Red (31%)

Green (16%)

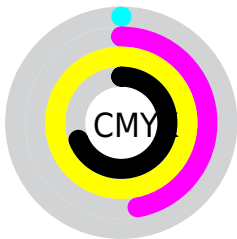
Blue (0%)



Red (27%)

Yellow (31%)

Blue (0%)

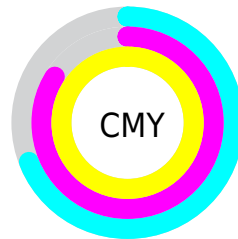


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (69%)



Cyan (69%)


Magenta (84%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 48.2750, -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 48.2750, -23.7996, 26.9458 by changing the saturation by 10% instead.


 48.2750, -23.7996,
26.9458


 48.2750, -23.7996,
26.9458

 251.9220,
-11.7935, 2.6994


 28.1740, -13.8898,
21.7724


 96.4820, -24.3946,
31.1493


 8.9700, -4.4222,
18.4433

 121.5640,
-25.4211, 33.7084

 0.0000, 0.0000,
0.0000

 147.9340,
-26.5895, 35.1379


 174.8310,
-27.0317, 36.9822


 202.2010,
-28.2001, 38.4117


 224.4060,


-25.8362, 26.8309


 244.0340,
-21.7088, 9.6172


 48.2750, -23.7996,
26.9458

 51.5350, -21.4628,
24.0868

 54.2080, -18.8365,
21.7426

 57.4680, -16.4997,
18.8836

 60.7280, -14.1629,
16.0245

 63.9880, -11.8261,
13.1655

■ 66.5470, -9.6367,
10.9213

■ 69.8070, -7.2999,
8.0623

■ 73.0670, -4.9630,
5.2032

■ 75.7400, -2.3368,
2.8590

Harmonies

Analogous

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



48.4410, -12.0494, 38.2012



48.2750, -23.7996, 26.9458



47.5780, -23.4560, 10.0171

Triad

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



48.2750, -23.7996, 26.9458



42.6640, 6.0816, -37.4163



52.1850, 19.6288, 4.2228

Complementary

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



48.2750, -23.7996, 26.9458



30.7250, 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.



42.6250, 28.7789, -37.3821



48.2750, -23.7996, 26.9458



45.4000, 16.5648, -39.8158

Square

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



48.2750, -23.7996, 26.9458



39.1130, -4.9857, -34.3021



45.5770, 24.8585, -39.9710



51.5210, 10.0961, 28.4841

Rectangle

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



48.2750, -23.7996, 26.9458



45.7290, -22.5444, -2.3933



45.5770, 24.8585, -39.9710



50.8030, 22.2821, -6.8432

Sweetspot

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



48.2750, -23.7996, 26.9458



90.2480, -9.4893, 10.3065



27.9530, 4.9532, 44.7682



43.6650, -5.2578, 6.4328



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



48.2750, -23.7996, 26.9458



62.1960, -30.6626, 34.9081



69.6950, -34.3596, 7.2835



36.3700, -1.1684, 1.4295



140.3840, -69.2093, 78.5932

Inverse Universe

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



30.7250, 23.7996, -26.9458



39.8040, 30.6626, -34.9081



9.3050, 34.3596, -7.2835



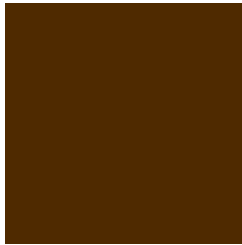
35.6300, 1.1684, -1.4295



89.0290, 69.4987, -78.0784

Previews

White Background



This preview shows how the YUV color 48.2750, -23.7996, 26.9458 looks on a white background.

Color Contrast Check

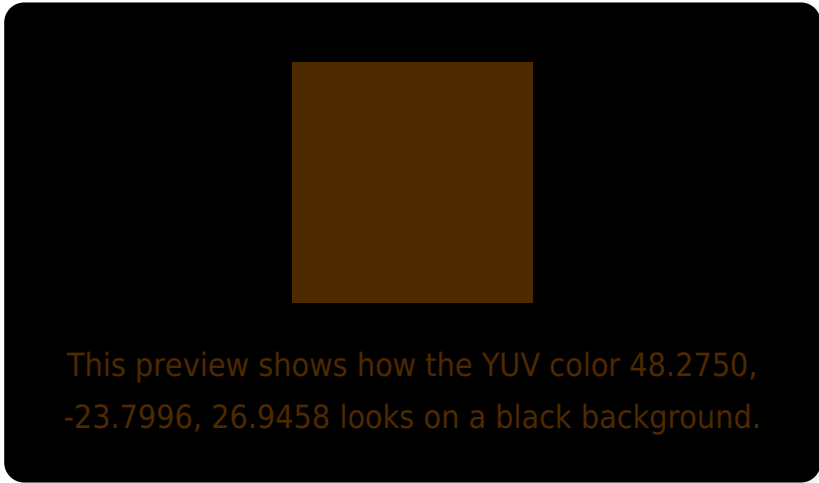
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

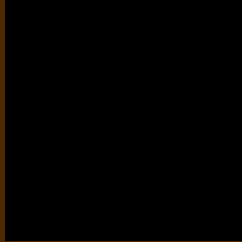
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2750, -23.7996, 26.9458

Background



This preview shows how black text looks on a background with the YUV color 48.2750, -23.7996, 26.9458.



This preview shows how white text looks on a background with the YUV color 48.2750, -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



Protanopia

48.9630, -20.6878, 8.8024

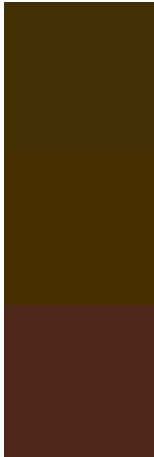
Deuteranopia

48.4970, -23.9090, 15.3501

Tritanopia

51.6010, -4.7333, 24.9059

Trichromacy



Protanomaly

48.3660, -21.8724, 15.4650

Deuteranomaly

48.2310, -23.7779, 19.9684

Tritanomaly

50.4780, -11.5747, 25.8908

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2750, -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(79, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 42, 0)  
}
```

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(79, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 42, 0) }
```

Border

The CSS property to change the border of an element to YUV 48.2750, -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(79, 42, 0) }
```

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

```
.border{ border-color:rgb(79, 42, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 42, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 42, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 42, 0); box-shadow:4px  
4px 4px 4px rgb(79, 42, 0) }
```

Background

The CSS property to change the background color of an element to YUV 48.2750, -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(79, 42, 0) }
```

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

```
.background{ background-color: rgb(79, 42,  
0) }
```

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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