

Converting Colors

YUV(78.3190, -23.8213,
33.9232)

Have a look what the booklet for
YUV(78.3190, -23.8213, 33.9232)
contains.

YUV(78.3190, -23.8213, 33.9232)	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(78.3190, -23.8213,
33.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	75441E
RGB	117, 68, 30
RGB Percent	46%, 27%, 12%
CMY	0.5412, 0.7333, 0.8824
CMYK	0.00, 0.42, 0.74, 0.54
HSL	26°, 59%, 29%
HSV	26°, 74%, 46%
XYZ	9.6376, 8.0099, 2.2664
YIQ	78.3190, 41.4020, -1.4300

Conversions

Conversions Part 2

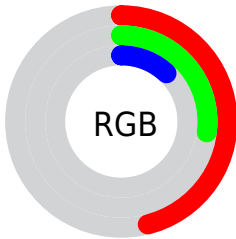
Format	Color
R_{YB}	117, 97, 30
Decimal	7685150
CIE Lab	34.00, 17.62, 31.20
CIE LCh	34, 35.831, 60.537
Yxy	8.0099, 0.4840, 0.4022
Android (android.graphics.Color)	4285875230 (0xFF75441E)
YUV	78.3190, -23.8213, 33.9232
Hunter-Lab	28.3017, 11.2565, 15.0633

Details

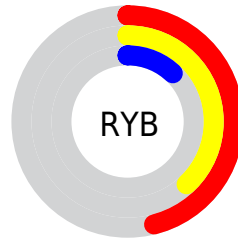
The YUV color **78.3190, -23.8213, 33.9232** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.6810, 23.8213, -33.9232**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0700, -26.1635, 38.5266**, and **33.2240, -16.3794, 26.9906** is the 20% darker color. If you saturate the color by 10%, you get **72.8420, -27.0371, 38.7266**, and if you desaturate by 10%, it is **83.7960, -20.6054, 29.1199**.

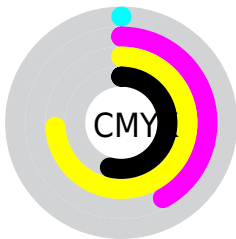
Distribution



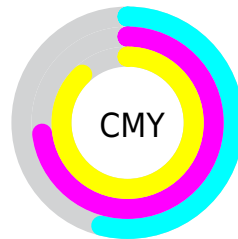
- Red (46%)
- Green (27%)
- Blue (12%)



- Red (46%)
- Yellow (38%)
- Blue (12%)



- Cyan (0%)
- Magenta (42%)
- Yellow (74%)
- Black (54%)





- Cyan (54%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.3190, -23.8213, 33.9232 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 78.3190, -23.8213, 33.9232 by changing the saturation by 10% instead.


 78.3190, -23.8213,
33.9232

 78.3190, -23.8213,
33.9232


255.0000, 0.0000,
0.0000


 54.1230, -23.2316,
31.4641

 129.0700,
-26.1635, 38.5266

 33.2240, -16.3794,
26.9906


 154.8530,
-27.0425, 40.4709

 11.9600, -5.8963,
24.5911

 182.6360,
-27.9215, 42.4152

 0.0000, 0.0000,
0.0000

 208.6250,
-27.9161, 40.6709

 228.1390,
-24.2255, 23.5571

 248.2400,

-20.8243, 5.9285

252.7200, -8.7360,
1.9996

78.3190, -23.8213,
33.9232

78.3190, -23.8213,
33.9232

72.8420, -27.0371,
38.7266

83.7960, -20.6054,
29.1199

68.0660, -30.1055,
42.9151

88.5720, -17.5370,
24.9314

64.9200, -32.0056,
45.6742

94.0490, -14.3212,
20.1280

98.9390, -10.8159,
15.8395

104.4160, -7.6001,
11.0362

■ 109.7790, -4.8210,
6.3328

■ 114.6690, -1.3158,
2.0443

■ 120.1460, 1.9000,
-2.7590

■ 124.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



78.9580, -12.7973, 44.7638



78.3190, -23.8213, 33.9232



76.9440, -28.5664, 15.8351

Triad

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



78.3190, -23.8213, 33.9232



64.2980, 7.7411, -56.3893



81.1890, 23.5708, -0.1658

Complementary

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



78.3190, -23.8213, 33.9232



68.6810, 23.8213, -33.9232

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.



65.8340, 35.0848, -53.3514



78.3190, -23.8213, 33.9232



66.9030, 20.2608, -58.6739

Square

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



78.3190, -23.8213, 33.9232



66.9940, -7.8850, -37.7057



67.5360, 30.3018, -59.2291



81.9170, 12.8589, 29.0138

Rectangle

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



78.3190, -23.8213, 33.9232



74.5400, -25.9022, 1.2804



67.5360, 30.3018, -59.2291



79.2090, 26.5190, -12.4613

Sweetspot

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



78.3190, -23.8213, 33.9232



137.9710, -9.3527, 13.1804



61.5990, 8.5787, 48.5867



67.6760, -5.2633, 8.1771



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.



78.3190, -23.8213, 33.9232



92.2970, -37.1214, 53.2365



103.5600, -36.2651, 11.7869



55.9680, -1.4632, 2.6591



67.5890, -33.3214, 47.7184



138.7330, -68.3954, 97.5812

Inverse Universe

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



68.6810, 23.8213, -33.9232



77.7030, 37.1214, -53.2365



43.4400, 36.2651, -11.7869



55.4450, 1.7526, -2.1443



54.4110, 33.3214, -47.7184



111.2670, 68.3954, -97.5812

Previews

White Background



This preview shows how the YUV color 78.3190, -23.8213, 33.9232 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 78.3190, -23.8213, 33.9232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

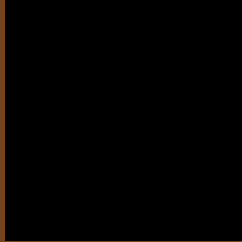
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3190, -23.8213, 33.9232

Background



This preview shows how black text looks on a background with the YUV color 78.3190, -23.8213, 33.9232.



This preview shows how white text looks on a background with the YUV color 78.3190, -23.8213,

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

78.3190, -23.8213, 33.9232

Protanopia

78.3330, -21.8562, 10.2320

Deuteranopia

77.8890, -25.0883, 20.2683



Tritanopia

81.0150, -5.9234, 33.3128

Trichromacy



Original Color

78.3190, -23.8213, 33.9232

Protanomaly

78.2740, -22.3201, 19.0537

Deuteranomaly

78.0360, -24.6677, 25.4014

Tritanomaly

79.7070, -12.1806, 33.5830

Monochromacy



Original Color

78.3190, -23.8213, 33.9232

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9000, -8.3317, 12.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3190, -23.8213, 33.9232 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(117, 68, 30)` looks like.

```
.text, #text, p{  
    color:rgb(117, 68, 30)  
}
```

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(117, 68, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 68, 30) }
```

Border

The CSS property to change the border of an element to YUV 78.3190, -23.8213, 33.9232 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(117, 68, 30) }
```


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

```
.border{ border-color:rgb(117, 68, 30) }
```

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

Here you see how a box with a 4 pixel rgb(117, 68, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 68, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 68, 30);  
box-shadow:4px 4px 4px 4px rgb(117, 68,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 78.3190, -23.8213, 33.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 68, 30) }
```

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

```
.background{ background-color: rgb(117, 68,  
30) }
```

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