

Converting Colors

YUV(70.0300, -12.3398, -8.7963)

Have a look what the booklet for
YUV(70.0300, -12.3398, -8.7963)
contains.

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Color

**YUV(70.0300, -12.3398,
-8.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	3C502D
RGB	60, 80, 45
RGB Percent	24%, 31%, 18%
CMY	0.7647, 0.6863, 0.8235
CMYK	0.25, 0.00, 0.44, 0.69
HSL	94°, 28%, 25%
HSV	94°, 44%, 31%
XYZ	5.2058, 6.8874, 3.5377
YIQ	70.0300, -0.6850, -15.1250

Conversions

Conversions Part 2

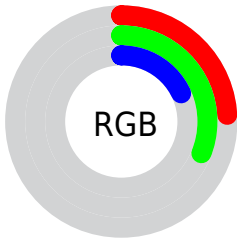
Format	Color
R_{YB}	45, 80, 65
Decimal	3952685
CIE _{Lab}	31.55, -15.07, 18.16
CIE _{LCh}	32, 23.601, 129.685
Y _{xy}	6.8874, 0.3330, 0.4406
Android (android.graphics.Color)	4282142765 (0xFF3C502D)
Y _{UV}	70.0300, -12.3398, -8.7963
Hunter-Lab	26.2439, -10.5193, 10.3785

Details

The YUV color $[70.0300, -12.3398, -8.7963]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[54.9700, 12.3398, 8.7963]$, and the grayscale version is $[70.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[118.3890, -13.5028, -9.1112]$, and $[25.9270, -12.7820, -6.9520]$ is the 20% darker color. If you saturate the color by 10%, you get $[67.6230, -15.0971, -11.0704]$, and if you desaturate by 10%, it is $[72.4370, -9.5824, -6.5222]$.

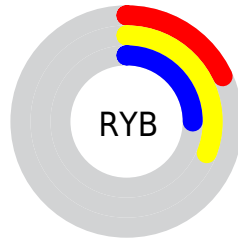
Distribution



Red (24%)

Green (31%)

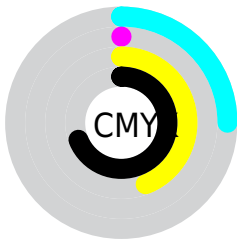
Blue (18%)



Red (18%)

Yellow (31%)

Blue (25%)

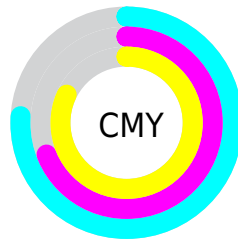


Cyan (25%)

Magenta (0%)

Yellow (44%)

Black (69%)



Cyan (76%)

Magenta (69%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0300, -12.3398, -8.7963 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 70.0300, -12.3398, -8.7963 by changing the saturation by 10% instead.

70.0300, -12.3398,
-8.7963

70.0300, -12.3398,
-8.7963

255.0000, 0.0000,
0.0000

47.2580, -11.4662,
-8.9963

118.3890,
-13.5028, -9.1112

25.9270, -12.7820,
-6.9520

144.2750,
-13.9396, -9.0112

6.4570, -3.1833,
-5.6628

170.8620,
-14.2290, -9.5260

0.0000, 0.0000,
0.0000

198.3350,
-14.9552, -9.9408

226.3350,
-14.9552, -9.9408

248.1770,

-11.9193, -3.6632

254.6580, -1.3104,
0.2999

■ 70.0300, -12.3398,
-8.7963

■ 70.0300, -12.3398,
-8.7963

■ 67.6230, -15.0971,
-11.0704

■ 72.4370, -9.5824,
-6.5222

■ 65.5150, -18.0019,
-12.7297

■ 74.5450, -6.6777,
-4.8630

■ 63.1080, -20.7592,
-15.0037

■ 76.9520, -3.9203,
-2.5889

■ 61.0000, -23.6640,
-16.6630

■ 79.0600, -1.0156,
-0.9296

■ 58.5930, -26.4213,
-18.9371

■ 81.4670, 1.7418,
1.3444

■ 57.1260, -28.1631,
-20.2815

■ 83.5750, 4.6465,
3.0037

■ 85.9820, 7.4039,
5.2778

■ 88.3890, 10.1612,
7.5518

■ 90.4970, 13.0660,
9.2111

Harmonies

Analogous

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



72.1630, -17.3354, 6.8730



70.0300, -12.3398, -8.7963



66.4390, -2.6814, -26.6950

Triad

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



70.0300, -12.3398, -8.7963



64.1700, 22.1012, -42.2451



75.3890, -3.1498, 30.3538

Complementary

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



70.0300, -12.3398, -8.7963



54.9700, 12.3398, 8.7963

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.



76.2230, 5.3131, 22.6064



70.0300, -12.3398, -8.7963



72.8360, 18.8149, -14.7652

Square

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



70.0300, -12.3398, -8.7963



59.7790, 18.3500, -52.4262



76.1870, 13.2188, 6.8520



74.9020, -11.2907, 28.1499

Rectangle

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



70.0300, -12.3398, -8.7963



61.5170, 5.6611, -42.5494



76.1870, 13.2188, 6.8520



75.4750, -0.2342, 28.5244

Sweetspot

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



70.0300, -12.3398, -8.7963



101.0120, -4.9359, -3.5185



67.2050, -10.9471, 11.2212



51.4790, -3.1941, -2.1741



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.0300, -12.3398, -8.7963



89.0480, -19.7437, -14.0741



65.7730, -9.2551, -18.2179



39.6470, -1.3050, -1.4444



75.0900, -37.0194, -26.3889



165.7850, -81.7320, -58.5704

Inverse Universe

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



54.9700, 12.3398, 8.7963



64.9520, 19.7437, 14.0741



59.2270, 9.2551, 18.2179



38.0540, 1.4524, 0.8296



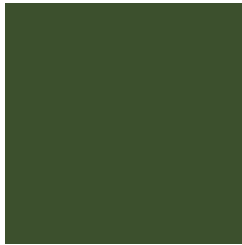
29.9100, 37.0194, 26.3889



66.2150, 81.7320, 58.5704

Previews

White Background



This preview shows how the YUV color 70.0300, -12.3398, -8.7963 looks on a white background.

Color Contrast Check

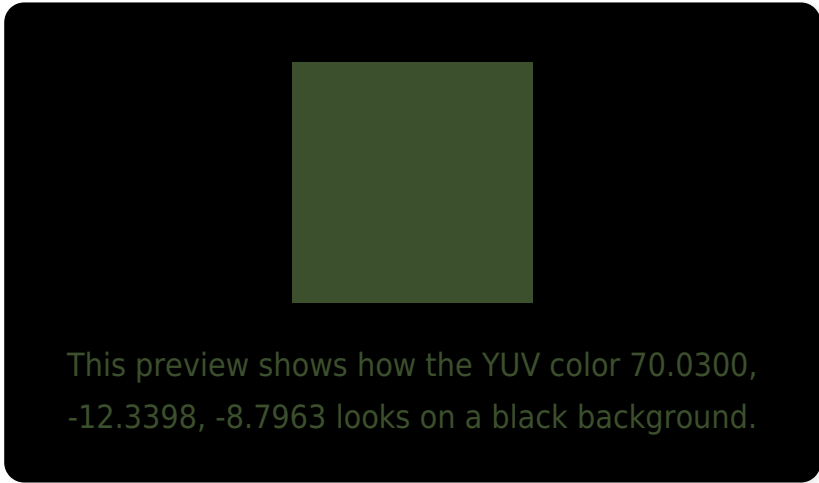
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.0300, -12.3398, -8.7963

Background



This preview shows how black text looks on a background with the YUV color 70.0300, -12.3398, -8.7963.



This preview shows how white text looks on a background with the YUV color 70.0300, -12.3398, -8.7963.

-8.7963.

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

70.0300, -12.3398, -8.7963

Protanopia

72.5590, -14.5726, 7.4028

Deuteranopia

73.6460, -13.1365, 13.4655



Tritanopia

73.6940, 4.0949, -6.7476

Trichromacy



Original Color

70.0300, -12.3398, -8.7963

Protanomaly

71.4550, -13.5353, 1.3550

Deuteranomaly

72.0040, -12.8200, 5.2585

Tritanomaly

72.2010, -1.5781, -7.1923

Monochromacy



Original Color

70.0300, -12.3398, -8.7963

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0300, -12.3398, -8.7963 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(60, 80, 45)` looks like.

```
.text, #text, p{  
    color:rgb(60, 80, 45)  
}
```

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(60, 80, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 80, 45) }
```

Border

The CSS property to change the border of an element to YUV 70.0300, -12.3398, -8.7963 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(60, 80, 45) }
```


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

```
.border{ border-color:rgb(60, 80, 45) }
```

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

Here you see how a box with a 4 pixel rgb(60, 80, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 80, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 80, 45);  
box-shadow:4px 4px 4px 4px rgb(60, 80, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.0300, -12.3398, -8.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 80, 45) }
```

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

```
.background{ background-color: rgb(60, 80,  
45) }
```

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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