

Converting Colors

YUV(88.0080, -12.3289,
-12.2850)

Have a look what the booklet for
YUV(88.0080, -12.3289, -12.2850)
contains.

YUV(88.0080, -12.3289, -12.2850)	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(88.0080, -12.3289,
-12.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	4A643F
RGB	74, 100, 63
RGB Percent	29%, 39%, 25%
CMY	0.7098, 0.6078, 0.7529
CMYK	0.26, 0.00, 0.37, 0.61
HSL	102°, 23%, 32%
HSV	102°, 37%, 39%
XYZ	8.2784, 10.9291, 6.3758
YIQ	88.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

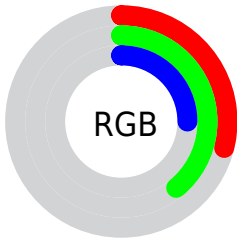
Format	Color
RYB	63, 100, 89
Decimal	4875327
CIELab	39.46, -17.42, 17.96
CIELCh	39, 25.018, 134.128
Yxy	10.9291, 0.3236, 0.4272
Android (android.graphics.Color)	4283065407 (0xFF4A643F)
YUV	88.0080, -12.3289, -12.2850
Hunter-Lab	33.0591, -13.1549, 11.7067

Details

The YUV color **88.0080, -12.3289, -12.2850** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74.9920, 12.3289, 12.2850**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3670, -13.4919, -12.5999**, and **41.7630, -10.7292, -12.0702** is the 20% darker color. If you saturate the color by 10%, you get **84.7750, -15.6651, -15.5887**, and if you desaturate by 10%, it is **91.2410, -8.9928, -8.9814**.

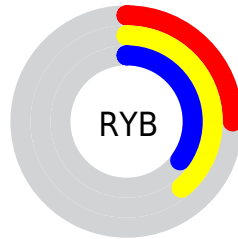
Distribution



Red (29%)

Green (39%)

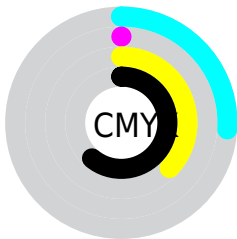
Blue (25%)



Red (25%)

Yellow (39%)

Blue (35%)

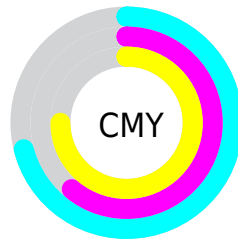


Cyan (26%)

Magenta (0%)

Yellow (37%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0080, -12.3289, -12.2850 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 88.0080, -12.3289, -12.2850 by changing the saturation by 10% instead.

■ 88.0080, -12.3289,
-12.2850

■ 88.0080, -12.3289,
-12.2850

■ 255.0000, 0.0000,
0.0000

■ 64.5350, -11.6028,
-11.8702

■ 138.3670,
-13.4919, -12.5999

■ 41.7630, -10.7292,
-12.0702

■ 164.9540,
-13.7813, -13.1147

■ 20.8770, -10.2924,
-12.1701

■ 191.8400,
-14.2181, -13.0147

■ 0.0000, 0.0000,
0.0000

■ 220.0140,
-14.7969, -14.0443

■ 243.9050,
-12.7712, -10.4407

■ 253.9740, -3.9312,

0.8998

■ 88.0080, -12.3289,
-12.2850

■ 88.0080, -12.3289,
-12.2850

■ 84.7750, -15.6651,
-15.5887

■ 91.2410, -8.9928,
-8.9814

■ 81.5420, -19.0012,
-18.8923

■ 94.4740, -5.6567,
-5.6777

■ 78.3090, -22.3373,
-22.1960

■ 97.7070, -2.3206,
-2.3740

■ 75.0760, -25.6735,
-25.4997

■ 100.9400, 1.0156,
0.9296

■ 71.8430, -29.0096,
-28.8033

■ 104.1730, 4.3517,
4.2333

■ 68.6100, -32.3457,
-32.1070

■ 107.4060, 7.6878,
7.5369

■ 67.6700, -33.3613,
-33.0366

■ 110.6390, 11.0240,
10.8406

■ 113.8720, 14.3601,
14.1443

■ 117.1050, 17.6962,
17.4479

Harmonies

Analogous

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



90.8100, -18.6403, 5.4286



88.0080, -12.3289, -12.2850



84.0470, -1.5022, -31.6132

Triad

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



88.0080, -12.3289, -12.2850



85.4310, 22.9585, -37.2120



94.5420, -5.1972, 33.7277

Complementary

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



88.0080, -12.3289, -12.2850



74.9920, 12.3289, 12.2850

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.



95.4300, 4.7180, 26.8099



88.0080, -12.3289, -12.2850



92.6730, 19.3882, -11.9912

Square

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



88.0080, -12.3289, -12.2850



73.9670, 23.1873, -63.9921



95.2090, 13.2080, 10.3407



93.6420, -13.6275, 31.0090

Rectangle

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



88.0080, -12.3289, -12.2850



79.9510, 7.4192, -46.4380



95.2090, 13.2080, 10.3407



95.0410, -1.9922, 32.4130

Sweetspot

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



88.0080, -12.3289, -12.2850



125.4140, -4.6411, -4.7481



89.3250, -12.9782, 9.3620



63.2940, -2.6099, -2.8888



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.



88.0080, -12.3289, -12.2850



111.5420, -19.0012, -18.8923



85.5170, -7.6499, -19.7474



49.2340, -1.5944, -1.9592



77.6710, -38.2918, -38.2995



163.5820, -80.6459, -80.3174

Inverse Universe

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



74.9920, 12.3289, 12.2850



91.4580, 19.0012, 18.8923



77.4830, 7.6499, 19.7474



47.4670, 1.7418, 1.3444



37.3290, 38.2918, 38.2995



78.4180, 80.6459, 80.3174

Previews

White Background



This preview shows how the YUV color 88.0080, -12.3289, -12.2850 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 × Fail

Black Background



This preview shows how the YUV color 88.0080, -12.3289, -12.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 88.0080, -12.3289, -12.2850

Background



This preview shows how black text looks on a background with the YUV color 88.0080, -12.3289, -12.2850.



This preview shows how white text looks on a background with the YUV color 88.0080, -12.3289, -12.2850.

-12.2850.

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

88.0080, -12.3289, -12.2850

Protanopia

91.6300, -15.5936, 8.2175

Deuteranopia

92.6570, -13.1419, 15.2098



Tritanopia

91.4270, 5.7055, -10.0215

Trichromacy



Original Color

88.0080, -12.3289, -12.2850

Protanomaly

90.5150, -14.5509, 0.4253

Deuteranomaly

91.0040, -12.8200, 5.2585

Tritanomaly

90.2930, -1.1304, -10.7810

Monochromacy



Original Color

88.0080, -12.3289, -12.2850

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8270, -4.3517, -4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0080, -12.3289, -12.2850 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(74, 100, 63)` looks like.

```
.text, #text, p{  
    color:rgb(74, 100, 63)  
}
```

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(74, 100, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 100, 63) }
```

Border

The CSS property to change the border of an element to YUV 88.0080, -12.3289, -12.2850 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(74, 100, 63) }
```


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

```
.border{ border-color:rgb(74, 100, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 100, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 100, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 100, 63);  
box-shadow:4px 4px 4px 4px rgb(74, 100,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 88.0080, -12.3289, -12.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 100, 63) }
```

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

```
.background{ background-color: rgb(74, 100,  
63) }
```

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