

Converting Colors

YUV(85.6280, -12.6346, -7.5668)

Have a look what the booklet for
YUV(85.6280, -12.6346, -7.5668)
contains.

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Color

**YUV(85.6280, -12.6346,
-7.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5F3C
RGB	77, 95, 60
RGB Percent	30%, 37%, 24%
CMY	0.6980, 0.6275, 0.7647
CMYK	0.19, 0.00, 0.37, 0.63
HSL	91°, 23%, 30%
HSV	91°, 37%, 37%
XYZ	7.9684, 10.0884, 5.8023
YIQ	85.6280, 0.5070, -14.7010

Conversions

Conversions Part 2

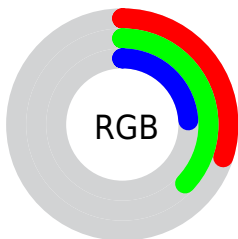
Format	Color
R_{YB}	60, 95, 78
Decimal	5070652
CIE _{Lab}	38.00, -13.93, 17.84
CIE _{LCh}	38, 22.635, 127.976
Yxy	10.0884, 0.3340, 0.4228
Android (android.graphics.Color)	4283260732 (0xFF4D5F3C)
YUV	85.6280, -12.6346, -7.5668
Hunter-Lab	31.7623, -10.8028, 11.4027

Details

The YUV color **85.6280, -12.6346, -7.5668** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **69.3720, 12.6346, 7.5668**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9870, -13.7976, -7.8816**, and **40.2690, -11.4716, -7.2519** is the 20% darker color. If you saturate the color by 10%, you get **83.1070, -15.8288, -9.7408**, and if you desaturate by 10%, it is **88.2630, -9.0037, -5.4927**.

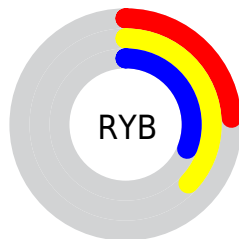
Distribution



Red (30%)

Green (37%)

Blue (24%)



Red (24%)

Yellow (37%)

Blue (31%)

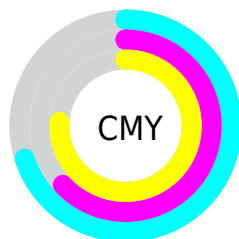


Cyan (19%)

Magenta (0%)

Yellow (37%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6280, -12.6346, -7.5668 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 85.6280, -12.6346, -7.5668 by changing the saturation by 10% instead.

■ 85.6280, -12.6346,
-7.5668

■ 85.6280, -12.6346,
-7.5668

■ 255.0000, 0.0000,
0.0000

■ 62.1550, -11.9084,
-7.1519

■ 135.9870,
-13.7976, -7.8816

■ 40.2690, -11.4716,
-7.2519

■ 161.8730,
-14.2344, -7.7816

■ 19.1270, -9.4296,
-8.8814

■ 188.7590,
-14.6712, -7.6816

■ 0.0000, 0.0000,
0.0000

■ 216.3460,
-14.9606, -8.1964

■ 244.6450,
-15.1080, -7.5817

■ 253.6320, -5.2416,

1.1997

■ 85.6280, -12.6346,
-7.5668

■ 85.6280, -12.6346,
-7.5668

■ 83.1070, -15.8288,
-9.7408

■ 88.2630, -9.0037,
-5.4927

■ 80.4720, -19.4597,
-11.8149

■ 90.7840, -5.8095,
-3.3186

■ 77.9510, -22.6538,
-13.9890

■ 93.4190, -2.1786,
-1.2445

■ 75.3160, -26.2848,
-16.0631

■ 95.9400, 1.0156,
0.9296

■ 73.0940, -29.6263,
-17.6224

■ 98.2760, 4.7939,
2.3889

■ 70.4590, -33.2573,
-19.6965

■ 100.7970, 7.9881,
4.5630

■ 69.5190, -34.2729,
-20.6262

■ 103.3180, 11.1822,
6.7371

■ 105.9530, 14.8132,
8.8112

■ 108.5880, 18.4441,
10.8853

Harmonies

Analogous

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



87.8750, -17.1934, 8.0026



85.6280, -12.6346, -7.5668



82.5210, -3.7079, -24.1359

Triad

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



85.6280, -12.6346, -7.5668



82.0460, 20.1903, -35.9973



91.0900, -3.0024, 29.7391

Complementary

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



85.6280, -12.6346, -7.5668



69.3720, 12.6346, 7.5668

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.



92.0380, 5.8973, 21.8917



85.6280, -12.6346, -7.5668



88.3090, 18.0887, -15.1800

Square

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



85.6280, -12.6346, -7.5668



75.8610, 17.3235, -49.8671



91.4750, 13.0768, 5.7224



90.3150, -11.0013, 28.6647

Rectangle

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



85.6280, -12.6346, -7.5668



79.8060, 4.0396, -35.7869



91.4750, 13.0768, 5.7224



91.1760, -0.0868, 27.9096

Sweetspot

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



85.6280, -12.6346, -7.5668



118.4250, -4.6465, -3.0037



81.0310, -10.3683, 12.2508



58.8920, -2.9048, -1.6593



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



85.6280, -12.6346, -7.5668



107.8850, -19.1703, -11.3001



80.5450, -10.1287, -18.0180



46.9460, -1.4524, -0.8296



81.8900, -40.3718, -24.4595



175.5640, -86.5531, -52.2376

Inverse Universe

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



69.3720, 12.6346, 7.5668



83.1150, 19.1703, 11.3001



74.4550, 10.1287, 18.0180



45.0540, 1.4524, 0.8296



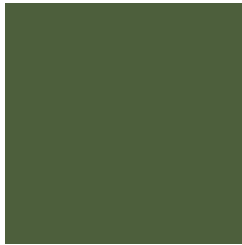
30.1100, 40.3718, 24.4595



64.1370, 86.7005, 51.6229

Previews

White Background



This preview shows how the YUV color 85.6280, -12.6346, -7.5668 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 85.6280, -12.6346, -7.5668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

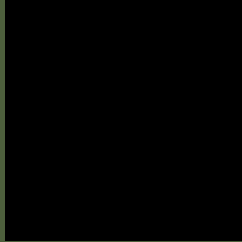
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6280, -12.6346, -7.5668

Background



This preview shows how black text looks on a background with the YUV color 85.6280, -12.6346, -7.5668.



This preview shows how white text looks on a background with the YUV color 85.6280, -12.6346, -7.5668.

-7.5668.

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

85.6280, -12.6346, -7.5668

Protanopia

87.8580, -14.7200, 8.0175

Deuteranopia

88.6570, -13.1419, 15.2098



Tritanopia

88.8190, 4.5262, -5.1033

Trichromacy



Original Color

85.6280, -12.6346, -7.5668

Protanomaly

87.0530, -13.8301, 2.5845

Deuteranomaly

87.6020, -13.1148, 6.4880

Tritanomaly

87.7990, -1.8729, -5.9627

Monochromacy



Original Color

85.6280, -12.6346, -7.5668

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6280, -12.6346, -7.5668 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(77, 95, 60)` looks like.

```
.text, #text, p{  
    color:rgb(77, 95, 60)  
}
```

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(77, 95, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 95, 60) }
```

Border

The CSS property to change the border of an element to YUV 85.6280, -12.6346, -7.5668 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(77, 95, 60) }
```


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

```
.border{ border-color:rgb(77, 95, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 95, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 95, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 95, 60);  
box-shadow:4px 4px 4px 4px rgb(77, 95, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.6280, -12.6346, -7.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 95, 60) }
```

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

```
.background{ background-color: rgb(77, 95,  
60) }
```

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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