

Converting Colors

YUV(86.3420, -12.0006,
22.5021)

Have a look what the booklet for
YUV(86.3420, -12.0006, 22.5021)
contains.

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Color

**YUV(86.3420, -12.0006,
22.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	704E3E
RGB	112, 78, 62
RGB Percent	44%, 31%, 24%
CMY	0.5608, 0.6941, 0.7569
CMYK	0.00, 0.30, 0.45, 0.56
HSL	19°, 29%, 34%
HSV	19°, 45%, 44%
XYZ	10.2760, 9.2413, 5.7996
YIQ	86.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

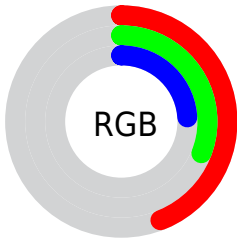
Format	Color
R_{YB}	112, 86, 62
Decimal	7360062
CIE _{Lab}	36.44, 12.14, 15.17
CIE _{LCh}	36, 19.430, 51.336
Yxy	9.2413, 0.4059, 0.3650
Android (android.graphics.Color)	4285550142 (0xFF704E3E)
YUV	86.3420, -12.0006, 22.5021
Hunter-Lab	30.3995, 7.1393, 9.9684

Details

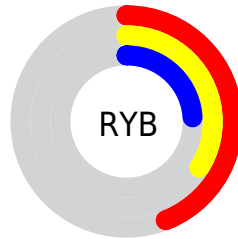
The YUV color **86.3420, -12.0006, 22.5021** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.6580, 12.0006, -22.5021**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4240, -13.0270, 25.0612**, and **40.1890, -9.9532, 19.1282** is the 20% darker color. If you saturate the color by 10%, you get **80.3920, -14.4903, 27.7202**, and if you desaturate by 10%, it is **92.2920, -9.5110, 17.2839**.

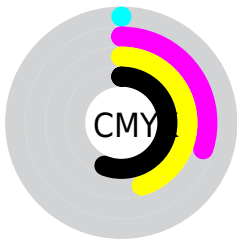
Distribution



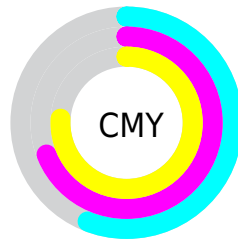
- Red (44%)
- Green (31%)
- Blue (24%)



- Red (44%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)
- Black (56%)



- Cyan (56%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3420, -12.0006, 22.5021 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 86.3420, -12.0006, 22.5021 by changing the saturation by 10% instead.

86.3420, -12.0006,
22.5021

86.3420, -12.0006,
22.5021

255.0000, 0.0000,
0.0000

62.8580, -11.2690,
21.1725

136.4240,
-13.0270, 25.0612

40.1890, -9.9532,
19.1282

162.9080,
-13.7586, 26.3907

19.5910, -9.6584,
17.8987

190.0930,
-14.3428, 27.1054

0.0000, 0.0000,
0.0000

218.2780,
-14.9271, 27.8202

239.4010,
-11.5367, 13.6803

253.8600, -4.3680,

0.9998

■ 86.3420, -12.0006,
22.5021

■ 86.3420, -12.0006,
22.5021

■ 80.3920, -14.4903,
27.7202

■ 92.2920, -9.5110,
17.2839

■ 75.0290, -17.2693,
32.4236

■ 97.6550, -6.7319,
12.5806

■ 68.9650, -20.1957,
37.7417

■ 103.7190, -3.8055,
7.2624

■ 63.6020, -22.9748,
42.4450

■ 109.0820, -1.0264,
2.5591

■ 57.6520, -25.4644,
47.6632

■ 115.0320, 1.4632,
-2.6591

■ 54.6200, -26.9277,
50.3223

■ 120.9820, 3.9529,
-7.8772

■ 126.3450, 6.7319,
-12.5806

■ 132.4090, 9.6584,
-17.8987

■ 138.3590, 12.1480,
-23.1168

Harmonies

Analogous

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



86.9710, -5.9017, 26.3354



86.3420, -12.0006, 22.5021



85.1900, -14.8837, 13.8654

Triad

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



86.3420, -12.0006, 22.5021



79.0630, 0.9549, -26.3653



86.3490, 14.1249, -3.8141

Complementary

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



86.3420, -12.0006, 22.5021



87.6580, 12.0006, -22.5021

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.



82.8090, 16.3632, -21.7575



86.3420, -12.0006, 22.5021



76.7010, 10.0074, -36.5718

Square

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



86.3420, -12.0006, 22.5021



81.5610, -7.6716, -12.7700



77.9060, 15.8223, -34.9976



87.9550, 8.4032, 11.4405

Rectangle

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



86.3420, -12.0006, 22.5021



84.5480, -14.5672, 5.6584



77.9060, 15.8223, -34.9976



85.2450, 15.1622, -9.8619

Sweetspot

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



86.3420, -12.0006, 22.5021



135.7900, -4.8265, 8.0772



80.8260, 7.4808, 27.3396



67.9360, -2.9264, 5.3181



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



86.3420, -12.0006, 22.5021



104.9970, -18.7325, 35.0826



101.0170, -19.2354, 9.6321



52.9680, -1.4632, 2.6591



58.1860, -28.6857, 54.2109



120.2260, -59.2714, 111.1808

Inverse Universe

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



87.6580, 12.0006, -22.5021



107.0030, 18.7325, -35.0826



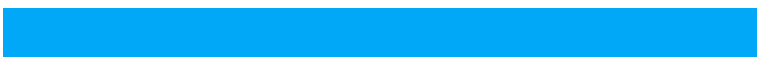
72.9830, 19.2354, -9.6321



53.0320, 1.4632, -2.6591



61.2270, 28.9751, -53.6961



126.7740, 59.2714, -111.1808

Previews

White Background



This preview shows how the YUV color 86.3420, -12.0006, 22.5021 looks on a white background.

Color Contrast Check

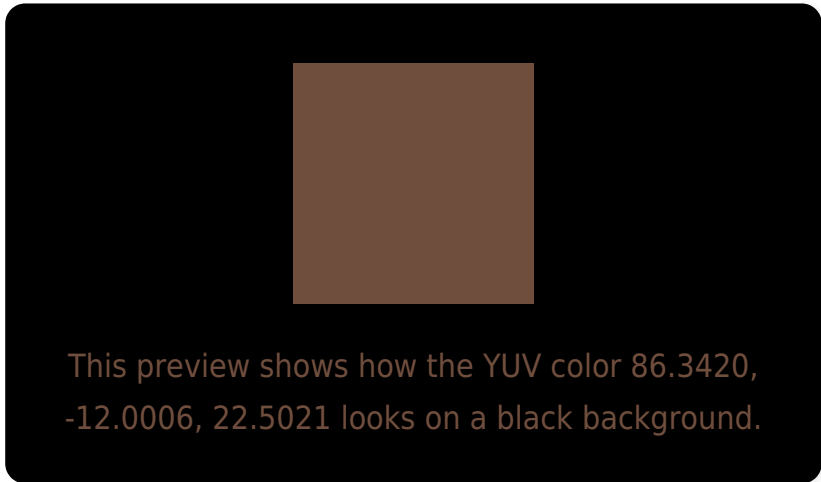
Large Text (above 18pt) WCAG AA ✓ Pass

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

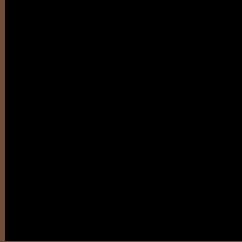
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3420, -12.0006, 22.5021

Background



This preview shows how black text looks on a background with the YUV color 86.3420, -12.0006, 22.5021.



This preview shows how white text looks on a background with the YUV color 86.3420, -12.0006,

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

86.3420, -12.0006, 22.5021

Protanopia

85.4000, -10.0572, 5.7882

Deuteranopia

85.5860, -12.1209, 14.3951



Tritanopia

87.3450, -3.1281, 23.3764

Trichromacy



Original Color

86.3420, -12.0006, 22.5021

Protanomaly

85.6180, -10.6577, 11.7360

Deuteranomaly

86.1950, -12.4211, 17.3690

Tritanomaly

86.8350, -6.3277, 22.9467

Monochromacy



Original Color

86.3420, -12.0006, 22.5021

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3420, -12.0006, 22.5021 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(112, 78, 62)` looks like.

```
.text, #text, p{  
    color:rgb(112, 78, 62)  
}
```

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(112, 78, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 78, 62) }
```

Border

The CSS property to change the border of an element to YUV 86.3420, -12.0006, 22.5021 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(112, 78, 62) }
```


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

```
.border{ border-color:rgb(112, 78, 62) }
```

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

Here you see how a box with a 4 pixel rgb(112, 78, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 78, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 78, 62);  
box-shadow:4px 4px 4px 4px rgb(112, 78,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 86.3420, -12.0006, 22.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 78, 62) }
```

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

```
.background{ background-color: rgb(112, 78,  
62) }
```

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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