

Converting Colors

YUV(88.7350, -1.3484, 12.5104)

Have a look what the booklet for
YUV(88.7350, -1.3484, 12.5104)
contains.

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Color

**YUV(88.7350, -1.3484,
12.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	675256
RGB	103, 82, 86
RGB Percent	40%, 32%, 34%
CMY	0.5961, 0.6784, 0.6627
CMYK	0.00, 0.20, 0.17, 0.60
HSL	349°, 11%, 36%
HSV	349°, 20%, 40%
XYZ	10.2905, 9.5900, 10.1128
YIQ	88.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

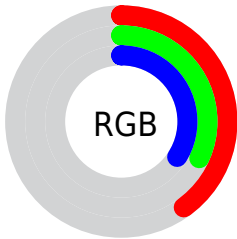
Format	Color
R_{YB}	103, 82, 86
Decimal	6771286
CIE Lab	37.10, 9.44, 0.97
CIE LCh	37, 9.493, 5.878
Yxy	9.5900, 0.3431, 0.3197
Android (android.graphics.Color)	4284961366 (0xFF675256)
YUV	88.7350, -1.3484, 12.5104
Hunter-Lab	30.9678, 5.1215, 2.3158

Details

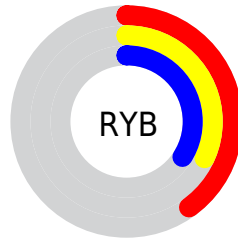
The YUV color **88.7350, -1.3484, 12.5104** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.2650, 1.3484, -12.5104**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4470, -1.2064, 13.6400**, and **43.1370, -1.0535, 11.2809** is the 20% darker color. If you saturate the color by 10%, you get **81.9530, -1.9488, 18.4582**, and if you desaturate by 10%, it is **95.5170, -0.7479, 6.5626**.

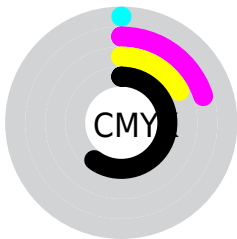
Distribution



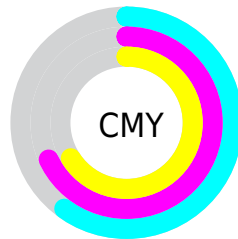
- Red (40%)
- Green (32%)
- Blue (34%)



- Red (40%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (60%)



- Cyan (60%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7350, -1.3484, 12.5104 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 88.7350, -1.3484, 12.5104 by changing the saturation by 10% instead.

■ 88.7350, -1.3484,
12.5104

■ 88.7350, -1.3484,
12.5104

■ 255.0000, 0.0000,
0.0000

■ 65.4360, -1.2009,
11.8956

■ 138.4470, -1.2064,
13.6400

■ 43.1370, -1.0535,
11.2809

■ 165.3330, -1.6432,
13.7400

■ 22.5390, -0.7587,
10.0513

■ 192.0450, -1.5012,
14.8695

■ 0.0000, 0.0000,
0.0000

■ 220.0450, -1.5012,
14.8695

■ 245.6420, -0.3165,
8.2070

■ 88.7350, -1.3484,
12.5104

■ 88.7350, -1.3484,
12.5104

■ 81.9530, -1.9488,
18.4582

■ 95.5170, -0.7479,
6.5626

■ 74.4700, -2.6967,
25.0208

■ 103.0000, 0.0000,
0.0000

■ 67.6880, -3.2972,
30.9686

■ 109.7820, 0.6005,
-5.9478

■ 60.9060, -3.8977,
36.9164

■ 116.5640, 1.2009,
-11.8956

■ 54.0100, -4.9349,
42.9642

■ 124.0470, 1.9488,
-18.4582

■ 46.6410, -5.2460,
49.4268

■ 130.8290, 2.5493,
-24.4060

■ 39.8590, -5.8465,
55.3747

■ 137.6110, 3.1498,
-30.3538

■ 33.0770, -6.4470,

■ 144.5070, 4.1870,

61.3225

-36.4016

■ 151.8760, 4.4981,
-42.8643

Harmonies

Analogous

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



89.0380, 2.4463, 8.7367



88.7350, -1.3484, 12.5104



88.5240, -4.6953, 12.6955

Triad

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



88.7350, -1.3484, 12.5104



86.1970, -5.5201, -2.8038



85.8720, 7.4581, -12.1657

Complementary

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



88.7350, -1.3484, 12.5104



96.2650, 1.3484, -12.5104

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.



84.6930, 5.5744, -14.6398



88.7350, -1.3484, 12.5104



85.0760, -2.0095, -8.8367

Square

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



88.7350, -1.3484, 12.5104



86.7850, -7.2890, 4.5736



84.7810, 2.0800, -13.8399



86.9160, 7.4364, -5.1883

Rectangle

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



88.7350, -1.3484, 12.5104



88.0570, -6.4371, 11.3510



84.7810, 2.0800, -13.8399



85.1600, 7.3161, -13.2953

Sweetspot

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



88.7350, -1.3484, 12.5104



129.6200, -0.3057, 4.7183



89.4770, 6.6668, 8.3517



65.6090, -0.3002, 2.9739



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



88.7350, -1.3484, 12.5104



113.2520, -2.0962, 19.0730



91.8010, -4.8319, 9.8215



47.6090, -0.3002, 2.9739



36.8930, -7.3422, 68.4998



77.6020, -15.5798, 144.1770

Inverse Universe

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



88.7350, -1.3484, 12.5104



113.2520, -2.0962, 19.0730



93.1990, 4.8319, -9.8215



47.6090, -0.3002, 2.9739



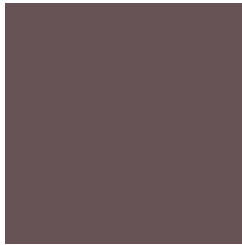
36.8930, -7.3422, 68.4998



77.6020, -15.5798, 144.1770

Previews

White Background



This preview shows how the YUV color 88.7350, -1.3484, 12.5104 looks on a white background.

Color Contrast Check

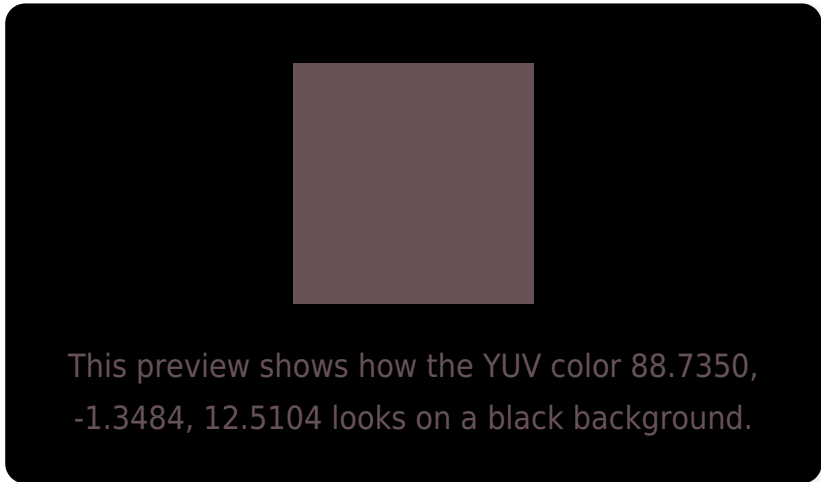
Large Text (above 18pt) WCAG AA ✓ Pass

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

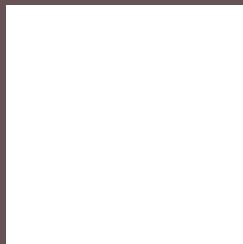
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.7350, -1.3484, 12.5104

Background



This preview shows how black text looks on a background with the YUV color 88.7350, -1.3484, 12.5104.



This preview shows how white text looks on a background with the YUV color 88.7350, -1.3484,

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

88.7350, -1.3484, 12.5104

Protanopia

87.8260, 0.5788, 1.0296

Deuteranopia

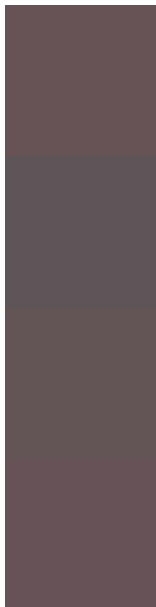
88.7020, -1.3321, 7.2773



Tritanopia

88.9630, -0.4748, 12.3104

Trichromacy



Original Color

88.7350, -1.3484, 12.5104

Protanomaly

88.0330, -0.0163, 5.2331

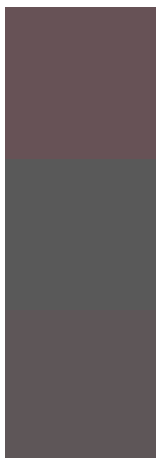
Deuteranomaly

88.7130, -1.3375, 9.0217

Tritanomaly

88.8490, -0.9116, 12.4104

Monochromacy



Original Color

88.7350, -1.3484, 12.5104

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6200, -0.3057, 4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7350, -1.3484, 12.5104 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(103, 82, 86)` looks like.

```
.text, #text, p{  
    color:rgb(103, 82, 86)  
}
```

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(103, 82, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 82, 86) }
```

Border

The CSS property to change the border of an element to YUV 88.7350, -1.3484, 12.5104 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(103, 82, 86) }
```


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

```
.border{ border-color:rgb(103, 82, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 82, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 82, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 82, 86);  
box-shadow:4px 4px 4px 4px rgb(103, 82,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 88.7350, -1.3484, 12.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 82, 86) }
```

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

```
.background{ background-color: rgb(103, 82,  
86) }
```

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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