

Converting Colors

YUV(102.7600, -12.6997,
13.3655)

Have a look what the booklet for
YUV(102.7600, -12.6997, 13.3655)
contains.

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Color

**YUV(102.7600, -12.6997,
13.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	76644D
RGB	118, 100, 77
RGB Percent	46%, 39%, 30%
CMY	0.5373, 0.6078, 0.6980
CMYK	0.00, 0.15, 0.35, 0.54
HSL	34°, 21%, 38%
HSV	34°, 35%, 46%
XYZ	13.3679, 13.5017, 8.9227
YIQ	102.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

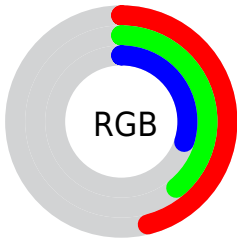
Format	Color
RYB	109, 118, 77
Decimal	7758925
CIELab	43.51, 3.52, 15.73
CIElCh	44, 16.120, 77.402
Yxy	13.5017, 0.3735, 0.3772
Android (android.graphics.Color)	4285949005 (0xFF76644D)
YUV	102.7600, -12.6997, 13.3655
Hunter-Lab	36.7447, 0.6362, 11.3239

Details

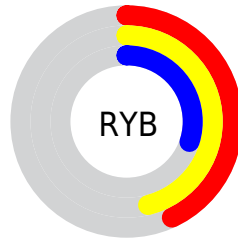
The YUV color **102.7600, -12.6997, 13.3655** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.2400, 12.6997, -13.3655**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1300, -13.8681, 14.7950**, and **55.5040, -11.0945, 11.8360** is the 20% darker color. If you saturate the color by 10%, you get **98.4570, -16.4943, 17.1392**, and if you desaturate by 10%, it is **107.0630, -8.9051, 9.5917**.

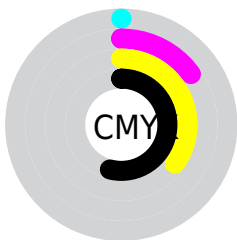
Distribution



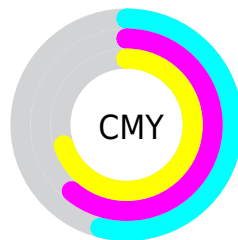
- Red (46%)
- Green (39%)
- Blue (30%)



- Red (43%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.7600, -12.6997, 13.3655 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 102.7600, -12.6997, 13.3655 by changing the saturation by 10% instead.

■ 102.7600,
-12.6997, 13.3655

■ 102.7600,
-12.6997, 13.3655

■ 255.0000, 0.0000,
0.0000

■ 78.5750, -12.1155,
12.6507

■ 154.1300,
-13.8681, 14.7950

■ 55.5040, -11.0945,
11.8360

■ 180.4290,
-14.0155, 15.4098

■ 33.6780, -11.6733,
10.8064

■ 208.6140,
-14.5997, 16.1245

■ 12.1600, -5.9949,
9.5067

■ 236.5000,
-15.0365, 16.2245

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

■ 102.7600,
-12.6997, 13.3655

■ 102.7600,
-12.6997, 13.3655

■ 98.4570, -16.4943,
17.1392

■ 107.0630, -8.9051,
9.5917

■ 94.1540, -20.2889,
20.9129

■ 111.3660, -5.1104,
5.8180

■ 89.3780, -23.3574,
25.1015

■ 116.1420, -2.0420,
1.6295

■ 85.0750, -27.1520,
28.8752

■ 120.4450, 1.7526,
-2.1443

■ 80.7720, -30.9466,
32.6490

■ 124.7480, 5.5472,
-5.9180

■ 76.4690, -34.7412,
36.4227

■ 129.0510, 9.3419,
-9.6917

■ 74.0240, -36.4938,
38.5670

■ 133.3540, 13.1365,
-13.4655

■ 137.5430, 16.4943,

-17.1392

■ 142.4330, 19.9995,
-21.4277

Harmonies

Analogous

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



103.9010, -9.8112, 20.2578



102.7600, -12.6997, 13.3655



101.2210, -11.9410, 3.3142

Triad

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



102.7600, -12.6997, 13.3655



96.8440, 6.4859, -27.0502



104.8190, 7.9772, 8.0517

Complementary

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



102.7600, -12.6997, 13.3655



92.2400, 12.6997, -13.3655

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.



102.8820, 12.3832, -5.1585



102.7600, -12.6997, 13.3655



97.9240, 11.8695, -27.1203

Square

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



102.7600, -12.6997, 13.3655



98.0530, -0.5191, -20.2175



100.5490, 14.0263, -18.8985



105.2780, 1.8349, 18.1732

Rectangle

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



102.7600, -12.6997, 13.3655



100.4480, -9.5879, -4.7779



100.5490, 14.0263, -18.8985



104.2530, 9.7353, 4.1631

Sweetspot

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



102.7600, -12.6997, 13.3655



147.1810, -4.5262, 5.1033



91.3110, 1.8187, 23.4063



72.9250, -2.9210, 3.5738



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



102.7600, -12.6997, 13.3655



129.2680, -19.8521, 20.8130



112.7280, -17.6139, 2.8695



56.5550, -1.7526, 2.1443



76.9810, -37.9516, 39.4817



156.9300, -77.3665, 81.6224

Inverse Universe

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



92.2400, 12.6997, -13.3655



112.7320, 19.8521, -20.8130



82.2720, 17.6139, -2.8695



54.8580, 2.0420, -1.6295



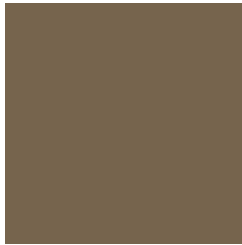
45.6060, 37.6622, -39.9965



93.0700, 77.3665, -81.6224

Previews

White Background



This preview shows how the YUV color 102.7600, -12.6997, 13.3655 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 102.7600, -12.6997, 13.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

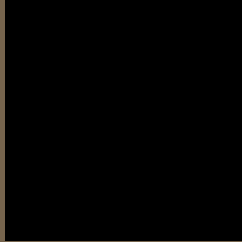
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.7600, -12.6997, 13.3655

Background



This preview shows how black text looks on a background with the YUV color 102.7600, -12.6997, 13.3655.



This preview shows how white text looks on a background with the YUV color 102.7600, -12.6997, 13.3655.

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

102.7600, -12.6997, 13.3655

Protanopia

102.2430, -11.9518, 6.8029

Deuteranopia

103.0700, -12.8525, 15.7246



Tritanopia

104.3870, -0.1908, 14.5696

Trichromacy



Original Color

102.7600, -12.6997, 13.3655

Protanomaly

102.5530, -12.1046, 9.1620

Deuteranomaly

102.7710, -12.7051, 15.1098

Tritanomaly

103.5350, -4.7008, 14.4398

Monochromacy



Original Color

102.7600, -12.6997, 13.3655

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7600, -12.6997, 13.3655 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(118, 100, 77)` looks like.

```
.text, #text, p{  
    color:rgb(118, 100, 77)  
}
```

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(118, 100, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 100, 77) }
```

Border

The CSS property to change the border of an element to YUV 102.7600, -12.6997, 13.3655 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(118, 100, 77) }
```


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

```
.border{ border-color:rgb(118, 100, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 100, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 100, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 100, 77);  
box-shadow:4px 4px 4px 4px rgb(118, 100,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 102.7600, -12.6997, 13.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 100, 77) }
```

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

```
.background{ background-color: rgb(118,  
100, 77) }
```

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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