

Converting Colors

YUV(89.7780, 3.5604, 24.7507)

Have a look what the booklet for
YUV(89.7780, 3.5604, 24.7507)
contains.

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Color

**YUV(89.7780, 3.5604,
24.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	764A61
RGB	118, 74, 97
RGB Percent	46%, 29%, 38%
CMY	0.5373, 0.7098, 0.6196
CMYK	0.00, 0.37, 0.18, 0.54
HSL	329°, 23%, 38%
HSV	329°, 37%, 46%
XYZ	12.0777, 9.6122, 12.5280
YIQ	89.7780, 18.8410, 16.4810

Conversions

Conversions Part 2

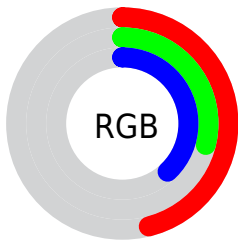
Format	Color
R_{YB}	118, 74, 97
Decimal	7752289
CIE _{Lab}	37.14, 22.33, -5.66
CIE _{LCh}	37, 23.039, 345.779
Yxy	9.6122, 0.3530, 0.2809
Android (android.graphics.Color)	4285942369 (0xFF764A61)
YUV	89.7780, 3.5604, 24.7507
Hunter-Lab	31.0035, 15.2799, -2.2557

Details

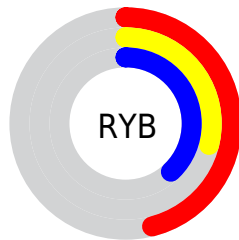
The YUV color **89.7780, 3.5604, 24.7507** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102.2220, -3.5604, -24.7507**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2020, 3.8444, 27.0098**, and **42.5820, 4.1501, 22.2916** is the 20% darker color. If you saturate the color by 10%, you get **82.0500, 4.4124, 31.5282**, and if you desaturate by 10%, it is **97.5060, 2.7085, 17.9732**.

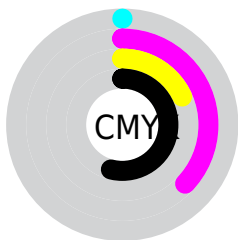
Distribution



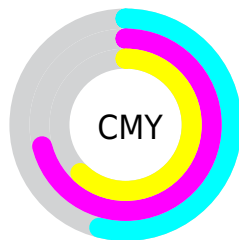
- Red (46%)
- Green (29%)
- Blue (38%)



- Red (46%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7780, 3.5604, 24.7507 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 89.7780, 3.5604, 24.7507 by changing the saturation by 10% instead.

■ 89.7780, 3.5604,
24.7507

■ 89.7780, 3.5604,
24.7507

■ 255.0000, 0.0000,
0.0000

■ 66.0660, 3.4185,
23.6211

■ 140.2020, 3.8444,
27.0098

■ 42.5820, 4.1501,
22.2916

■ 167.3870, 3.2602,
27.7246

■ 20.3970, 4.7343,
21.5768

■ 194.2130, 3.8390,
28.7542

■ 6.5070, -2.2220,
12.7104

■ 222.2130, 3.8390,
28.7542

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.6560,
11.8404

■ 89.7780, 3.5604,
24.7507

■ 89.7780, 3.5604,
24.7507

■ 82.0500, 4.4124,
31.5282

■ 97.5060, 2.7085,
17.9732

■ 74.4360, 5.7011,
38.2056

■ 105.1200, 1.4198,
11.2958

■ 67.2950, 6.2636,
44.4683

■ 112.2610, 0.8573,
5.0331

■ 59.5670, 7.1155,
51.2457

■ 119.9890, 0.0054,
-1.7444

■ 51.9530, 8.4042,
57.9232

■ 127.6030, -1.2833,
-8.4218

■ 44.2250, 9.2561,
64.7007

■ 135.3310, -2.1352,
-15.1993

■ 42.3500, 9.6875,
66.3451

■ 142.9450, -3.4239,
-21.8768

■ 150.0860, -3.9864,

-28.1394

■ 157.8140, -4.8383,
-34.9169

Harmonies

Analogous

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



89.7530, 11.4608, 10.7406



89.7780, 3.5604, 24.7507



88.8190, -5.3338, 30.8537

Triad

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



89.7780, 3.5604, 24.7507



84.9670, -16.7457, 4.4139



73.4200, 19.5129, -52.1113

Complementary

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



89.7780, 3.5604, 24.7507



102.2220, -3.5604, -24.7507

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.



73.6780, 11.4977, -47.9526



89.7780, 3.5604, 24.7507



82.7630, -10.7292, -12.0702

Square

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



89.7780, 3.5604, 24.7507



86.5280, -17.5153, 17.9539



79.2860, -0.6340, -30.0688



81.4810, 20.4689, -31.9938

Rectangle

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



89.7780, 3.5604, 24.7507



88.1410, -10.4225, 29.6943



79.2860, -0.6340, -30.0688



71.9420, 17.7766, -55.2001

Sweetspot

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



89.7780, 3.5604, 24.7507



142.1090, 1.4253, 9.5514



85.2950, 16.1236, 8.5113



70.5600, 0.7099, 5.6479



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.



89.7780, 3.5604, 24.7507



108.7350, 5.5536, 38.8204



87.2700, -6.0491, 26.9502



55.1360, 0.4260, 3.3887



43.7740, 9.9714, 68.6042



89.6840, 20.3688, 140.5971

Inverse Universe

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



89.7780, 3.5604, 24.7507



108.7350, 5.5536, 38.8204



104.7300, 6.0491, -26.9502



55.1360, 0.4260, 3.3887



43.7740, 9.9714, 68.6042



89.6840, 20.3688, 140.5971

Previews

White Background



This preview shows how the YUV color 89.7780, 3.5604, 24.7507 looks on a white background.

Color Contrast Check

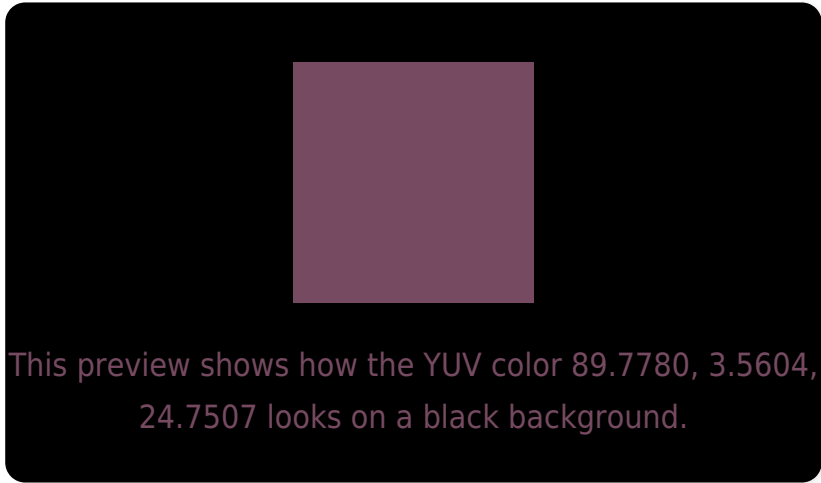
Large Text (above 18pt) WCAG AA ✓ Pass

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

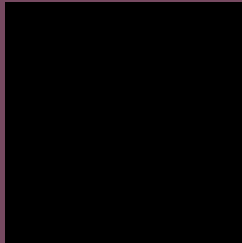
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7780, 3.5604, 24.7507

Background



This preview shows how black text looks on a background with the YUV color 89.7780, 3.5604, 24.7507.



This preview shows how white text looks on a background with the YUV color 89.7780, 3.5604,

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

89.7780, 3.5604, 24.7507

Protanopia

88.1550, 8.3046, -3.6439

Deuteranopia

88.5320, 3.1887, 3.9184



Tritanopia

89.2310, -3.5649, 23.4764

Trichromacy



Original Color

89.7780, 3.5604, 24.7507

Protanomaly

88.4660, 6.6723, 6.6073

Deuteranomaly

88.9890, 3.4564, 11.4106

Tritanomaly

89.5130, -1.2389, 24.1061

Monochromacy



Original Color

89.7780, 3.5604, 24.7507

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8100, 1.5727, 8.9366

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7780, 3.5604, 24.7507 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, 74, 97)` looks like.

```
.text, #text, p{  
    color:rgb(118, 74, 97)  
}
```

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, 74, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 74, 97) }
```

Border

The CSS property to change the border of an element to YUV 89.7780, 3.5604, 24.7507 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, 74, 97) }
```


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

```
.border{ border-color:rgb(118, 74, 97) }
```

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

Here you see how a box with a 4 pixel rgb(118, 74, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 74, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 74, 97);  
box-shadow:4px 4px 4px 4px rgb(118, 74,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 89.7780, 3.5604, 24.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 74, 97) }
```

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

```
.background{ background-color: rgb(118, 74,  
97) }
```

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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