

Converting Colors

YUV(112.5780, -3.2430,
13.5251)

Have a look what the booklet for
YUV(112.5780, -3.2430, 13.5251)
contains.

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Color

**YUV(112.5780, -3.2430,
13.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	806A6A
RGB	128, 106, 106
RGB Percent	50%, 42%, 42%
CMY	0.4980, 0.5843, 0.5843
CMYK	0.00, 0.17, 0.17, 0.50
HSL	0°, 9%, 46%
HSV	0°, 17%, 50%
XYZ	16.6576, 15.9379, 15.8340
YIQ	112.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

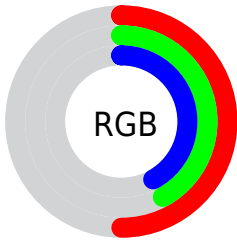
Format	Color
R_{YB}	128, 106, 106
Decimal	8415850
CIE Lab	46.89, 8.72, 3.26
CIE LCh	47, 9.309, 20.514
Yxy	15.9379, 0.3440, 0.3291
Android (android.graphics.Color)	4286605930 (0xFF806A6A)
YUV	112.5780, -3.2430, 13.5251
Hunter-Lab	39.9223, 4.6155, 4.4299

Details

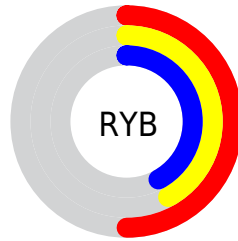
The YUV color **112.5780, -3.2430, 13.5251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **121.4220, 3.2430, -13.5251**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1760, -3.5378, 14.7546**, and **64.6810, -2.8007, 11.6808** is the 20% darker color. If you saturate the color by 10%, you get **103.4650, -5.1592, 21.5172**, and if you desaturate by 10%, it is **121.6910, -1.3267, 5.5330**.

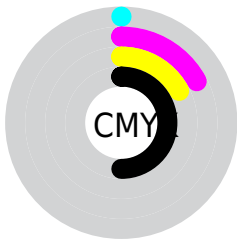
Distribution



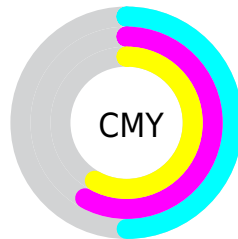
- Red (50%)
- Green (42%)
- Blue (42%)



- Red (50%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5780, -3.2430, 13.5251 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 112.5780, -3.2430, 13.5251 by changing the saturation by 10% instead.

■ 112.5780, -3.2430,
13.5251

■ 112.5780, -3.2430,
13.5251

255.0000, 0.0000,
0.0000

■ 88.2790, -3.0955,
12.9103

■ 164.1760, -3.5378,
14.7546

■ 64.6810, -2.8007,
11.6808

■ 191.4750, -3.6852,
15.3694

■ 42.3820, -2.6533,
11.0660

■ 219.4750, -3.6852,
15.3694

■ 21.9690, -2.9427,
10.5512

■ 244.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 112.5780, -3.2430,

■ 112.5780, -3.2430,

13.5251

13.5251

■ 103.4650, -5.1592,
21.5172

■ 121.6910, -1.3267,
5.5330

■ 94.3520, -7.0755,
29.5093

■ 130.8040, 0.5896,
-2.4591

■ 85.9400, -8.8444,
36.8866

■ 139.2160, 2.3585,
-9.8364

■ 76.8270, -10.7607,
44.8787

■ 148.3290, 4.2748,
-17.8285

■ 67.7140, -12.6770,
52.8708

■ 157.4420, 6.1911,
-25.8206

■ 58.6010, -14.5933,
60.8629

■ 166.5550, 8.1074,
-33.8127

■ 49.4880, -16.5096,
68.8550

■ 175.6680, 10.0237,
-41.8048

■ 41.0760, -18.2785,
76.2323

■ 184.0800, 11.7926,
-49.1822

■ 38.2720, -18.8681,
78.6915

■ 193.1930, 13.7089,
-57.1743

Harmonies

Analogous

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



112.8920, 0.5462, 11.4957



112.5780, -3.2430, 13.5251



111.7690, -6.2951, 12.4806

Triad

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



112.5780, -3.2430, 13.5251



109.2290, -4.0569, -5.4628



110.5950, 7.5947, -9.2918

Complementary

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



112.5780, -3.2430, 13.5251



121.4220, 3.2430, -13.5251

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.



109.3340, 6.7373, -14.3249



112.5780, -3.2430, 13.5251



108.8090, -0.3988, -12.1105

Square

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



112.5780, -3.2430, 13.5251



110.2900, -6.5520, 1.4997



108.5250, 3.6852, -15.3694



111.8240, 6.9888, -1.5996

Rectangle

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



112.5780, -3.2430, 13.5251



111.5190, -7.1579, 9.1918



108.5250, 3.6852, -15.3694



109.6980, 8.0369, -11.1361

Sweetspot

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



112.5780, -3.2430, 13.5251



159.6910, -1.3267, 5.5330



115.0860, 6.3666, 11.3256



80.4950, -0.7370, 3.0739



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



112.5780, -3.2430, 13.5251



141.4650, -5.1592, 21.5172



119.0350, -6.4263, 7.8623



59.0930, -1.0318, 4.3034



38.2720, -18.8681, 78.6915



0.0000, 0.0000, 0.0000

Inverse Universe

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



121.4220, 3.2430, -13.5251



155.5350, 5.1592, -21.5172



114.9650, 6.4263, -7.8623



61.9070, 1.0318, -4.3034



89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.5780, -3.2430, 13.5251 looks on a white background.

Color Contrast Check

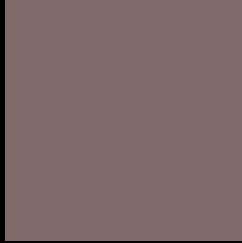
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.5780, -3.2430, 13.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

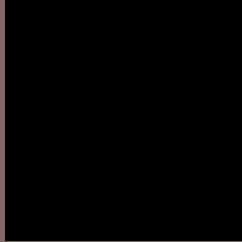
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.5780, -3.2430, 13.5251

Background



This preview shows how black text looks on a background with the YUV color 112.5780, -3.2430, 13.5251.



This preview shows how white text looks on a background with the YUV color 112.5780, -3.2430,

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

112.5780, -3.2430, 13.5251

Protanopia

111.6690, -1.3158, 2.0443

Deuteranopia

112.5560, -3.2321, 10.0364



Tritanopia

113.0880, -0.0434, 13.9548

Trichromacy



Original Color

112.5780, -3.2430, 13.5251

Protanomaly

111.8760, -1.9109, 6.2477

Deuteranomaly

112.2680, -3.0901, 11.1660

Tritanomaly

112.7460, -1.3538, 14.2548

Monochromacy



Original Color

112.5780, -3.2430, 13.5251

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.3920, -1.1793, 4.9182

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5780, -3.2430, 13.5251 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(128, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 106)  
}
```

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(128, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 106) }
```

Border

The CSS property to change the border of an element to YUV 112.5780, -3.2430, 13.5251 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(128, 106, 106) }
```


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

```
.border{ border-color:rgb(128, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 112.5780, -3.2430, 13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 106) }
```

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

```
.background{ background-color: rgb(128,  
106, 106) }
```

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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