

Converting Colors

YUV(106.2230, -14.8999,
19.0984)

Have a look what the booklet for
YUV(106.2230, -14.8999, 19.0984)
contains.

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Color

**YUV(106.2230, -14.8999,
19.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	80654C
RGB	128, 101, 76
RGB Percent	50%, 40%, 30%
CMY	0.4980, 0.6039, 0.7020
CMYK	0.00, 0.21, 0.41, 0.50
HSL	29°, 25%, 40%
HSV	29°, 41%, 50%
XYZ	14.8603, 14.4184, 8.8373
YIQ	106.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

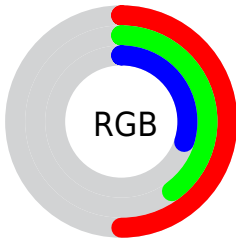
Format	Color
RYB	128, 124, 76
Decimal	8414540
CIELab	44.83, 7.17, 18.28
CIELCh	45, 19.639, 68.573
Yxy	14.4184, 0.3899, 0.3783
Android (android.graphics.Color)	4286604620 (0xFF80654C)
YUV	106.2230, -14.8999, 19.0984
Hunter-Lab	37.9715, 3.4064, 12.7812

Details

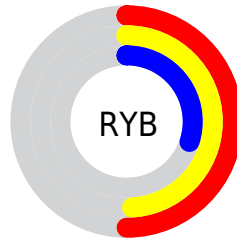
The YUV color **106.2230, -14.8999, 19.0984** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **97.7770, 14.8999, -19.0984**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8920, -16.2158, 21.1427**, and **58.2550, -13.4367, 16.4394** is the 20% darker color. If you saturate the color by 10%, you get **100.6320, -18.5526, 24.0017**, and if you desaturate by 10%, it is **111.8140, -11.2473, 14.1951**.

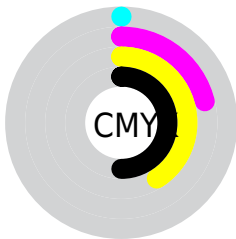
Distribution



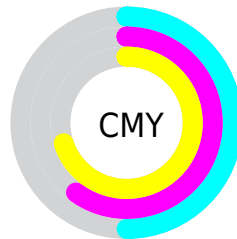
- Red (50%)
- Green (40%)
- Blue (30%)



- Red (50%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (41%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2230, -14.8999, 19.0984 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 106.2230, -14.8999, 19.0984 by changing the saturation by 10% instead.

■ 106.2230,
-14.8999, 19.0984

■ 106.2230,
-14.8999, 19.0984

■ 255.0000, 0.0000,
0.0000

■ 81.7390, -14.1683,
17.7689

■ 157.8920,
-16.2158, 21.1427

■ 58.2550, -13.4367,
16.4394

■ 185.0770,
-16.8000, 21.8575

■ 36.5430, -13.5787,
15.3098

■ 212.6750,
-17.0948, 23.0870

■ 15.7260, -7.7529,
13.3953

■ 236.9730,
-15.7627, 15.8097

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

■ 106.2230,
-14.8999, 19.0984

■ 106.2230,
-14.8999, 19.0984

■ 100.6320,
-18.5526, 24.0017

■ 111.8140,
-11.2473, 14.1951

■ 95.6280, -22.4946,
28.3902

■ 116.8180, -7.3053,
9.8066

■ 90.1510, -25.7104,
33.1936

■ 122.2950, -4.0894,
5.0033

■ 84.5600, -29.3631,
38.0969

■ 127.8860, -0.4368,
0.1000

■ 79.5560, -33.3051,
42.4854

■ 132.8900, 3.5052,
-4.2885

■ 74.6660, -36.8103,
46.7739

■ 138.4810, 7.1579,
-9.1918

■ 144.0720, 10.8105,
-14.0951

■ 148.9620, 14.3157,

-18.3837

■ 154.5530, 17.9684,
-23.2870

Harmonies

Analogous

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



107.1190, -10.4117, 26.2056



106.2230, -14.8999, 19.0984



105.0320, -15.2988, 6.9879

Triad

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



106.2230, -14.8999, 19.0984



97.9850, 5.9234, -33.3128



107.8340, 11.9138, 5.4076

Complementary

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



106.2230, -14.8999, 19.0984



97.7770, 14.8999, -19.0984

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.



105.4620, 16.0412, -11.8062



106.2230, -14.8999, 19.0984



98.0260, 13.7912, -36.8568

Square

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



106.2230, -14.8999, 19.0984



100.3580, -3.1345, -21.3620



101.2920, 17.1110, -28.3201



108.9730, 4.4503, 19.3177

Rectangle

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



106.2230, -14.8999, 19.0984



103.5470, -13.0877, -2.2337



101.2920, 17.1110, -28.3201



107.2570, 13.6773, -0.2254

Sweetspot

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



106.2230, -14.8999, 19.0984



157.2630, -5.5527, 7.6623



94.7400, 4.5652, 29.1690



79.1100, -3.5052, 4.2885



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.



106.2230, -14.8999, 19.0984



132.1120, -23.2262, 29.7198



120.8980, -22.1347, 6.2285



60.8540, -1.9000, 2.7590



74.0790, -36.5209, 47.2887



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.7770, 14.8999, -19.0984



118.8880, 23.2262, -29.7198



83.1020, 22.1347, -6.2285



60.1460, 1.9000, -2.7590



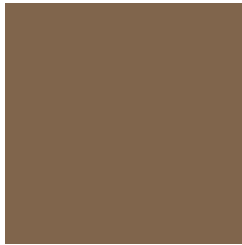
53.3340, 36.8103, -46.7739



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.2230, -14.8999, 19.0984 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 106.2230, -14.8999, 19.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

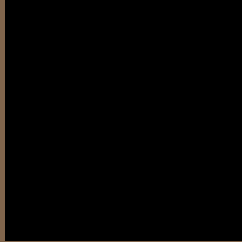
Any Text WCAG AA × Fail

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 106.2230, -14.8999, 19.0984 Background



This preview shows how black text looks on a background with the YUV color 106.2230, -14.8999, 19.0984.



This preview shows how white text looks on a background with the YUV color 106.2230, -14.8999, 19.0984.

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

106.2230, -14.8999, 19.0984

Protanopia

105.2000, -13.4096, 7.7176

Deuteranopia

106.2120, -14.8945, 17.3541



Tritanopia

108.0780, -1.5175, 20.1026

Trichromacy



Original Color

106.2230, -14.8999, 19.0984

Protanomaly

105.4070, -14.0047, 11.9211

Deuteranomaly

106.5110, -15.0419, 17.9689

Tritanomaly

107.1120, -6.4642, 20.0728

Monochromacy



Original Color

106.2230, -14.8999, 19.0984

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9640, -5.4053, 7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2230, -14.8999, 19.0984 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, 101, 76)` looks like.

```
.text, #text, p{  
    color:rgb(128, 101, 76)  
}
```

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, 101, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 101, 76) }
```

Border

The CSS property to change the border of an element to YUV 106.2230, -14.8999, 19.0984 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, 101, 76) }
```


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

```
.border{ border-color:rgb(128, 101, 76) }
```

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

Here you see how a box with a 4 pixel rgb(128, 101, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 101, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 101, 76);  
box-shadow:4px 4px 4px 4px rgb(128, 101,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 106.2230, -14.8999, 19.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 101, 76) }
```

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

```
.background{ background-color: rgb(128,  
101, 76) }
```

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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