

Converting Colors

YUV(101.6420, -13.6275,
31.0090)

Have a look what the booklet for
YUV(101.6420, -13.6275, 31.0090)
contains.

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Color

**YUV(101.6420, -13.6275,
31.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	89594A
RGB	137, 89, 74
RGB Percent	54%, 35%, 29%
CMY	0.4627, 0.6510, 0.7098
CMYK	0.00, 0.35, 0.46, 0.46
HSL	14°, 30%, 41%
HSV	14°, 46%, 54%
XYZ	15.1249, 12.9575, 8.1824
YIQ	101.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

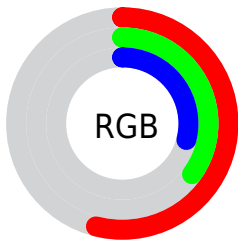
Format	Color
R_{YB}	137, 94, 74
Decimal	9001290
CIE Lab	42.70, 17.94, 16.81
CIE LCh	43, 24.579, 43.138
Yxy	12.9575, 0.4171, 0.3573
Android (android.graphics.Color)	4287191370 (0xFF89594A)
YUV	101.6420, -13.6275, 31.0090
Hunter-Lab	35.9966, 12.0076, 11.7203

Details

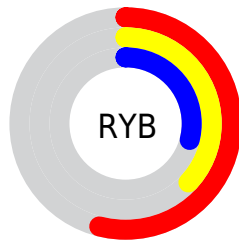
The YUV color **101.6420, -13.6275, 31.0090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.3580, 13.6275, -31.0090**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0230, -14.8013, 34.1828**, and **54.0760, -11.8695, 27.1203** is the 20% darker color. If you saturate the color by 10%, you get **94.1760, -16.8488, 37.5566**, and if you desaturate by 10%, it is **109.1080, -10.4062, 24.4613**.

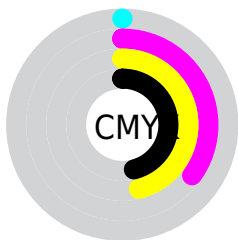
Distribution



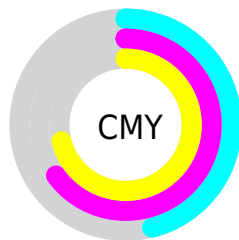
- Red (54%)
- Green (35%)
- Blue (29%)



- Red (54%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6420, -13.6275, 31.0090 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 101.6420, -13.6275, 31.0090 by changing the saturation by 10% instead.

■ 101.6420,
-13.6275, 31.0090

■ 101.6420,
-13.6275, 31.0090

■ 255.0000, 0.0000,
0.0000

■ 76.8590, -12.7485,
29.0647

■ 153.0230,
-14.8013, 34.1828

■ 54.0760, -11.8695,
27.1203

■ 180.5070,
-15.5330, 35.5124

■ 30.9510, -12.3008,
25.4760

■ 207.9910,
-16.2646, 36.8419

■ 11.0630, -5.4541,
22.7467

■ 229.1140,
-12.8742, 22.7020

■ 0.0000, 0.0000,
0.0000

■ 249.3290, -9.0362,
4.9735

■ 101.6420,
-13.6275, 31.0090

■ 101.6420,
-13.6275, 31.0090

■ 94.1760, -16.8488,
37.5566

■ 109.1080,
-10.4062, 24.4613

■ 86.2370, -19.3438,
44.5192

■ 117.0470, -7.9112,
17.4988

■ 78.7710, -22.5651,
51.0668

■ 124.5130, -4.6899,
10.9511

■ 70.7180, -25.4970,
58.1293

■ 132.5660, -1.7580,
3.8886

■ 63.3660, -28.2814,
64.5770

■ 140.0320, 1.4632,
-2.6591

■ 60.3340, -29.7447,
67.2361

■ 147.9710, 3.9583,
-9.6216

■ 155.4370, 7.1796,
-16.1692

■ 163.4900, 10.1114,

-23.2317

■ 170.8420, 12.8959,
-29.6794

Harmonies

Analogous

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



102.6560, -4.7604, 33.6277



101.6420, -13.6275, 31.0090



100.4960, -18.9785, 20.6130

Triad

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



101.6420, -13.6275, 31.0090



92.5310, -2.2338, -30.2837



100.3740, 19.5356, -12.6060

Complementary

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



101.6420, -13.6275, 31.0090



109.3580, 13.6275, -31.0090

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.



93.9150, 22.2269, -35.8825



101.6420, -13.6275, 31.0090



87.7380, 10.4822, -48.8822

Square

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



101.6420, -13.6275, 31.0090



96.3070, -12.4764, -11.6702



86.3380, 20.5394, -54.6704



103.3230, 13.6448, 10.2407

Rectangle

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



101.6420, -13.6275, 31.0090



99.0280, -19.2408, 11.3764



86.3380, 20.5394, -54.6704



98.6720, 20.8677, -19.8833

Sweetspot

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



101.6420, -13.6275, 31.0090



164.4100, -5.1321, 12.7954



98.3090, 11.6797, 33.9320



80.8330, -3.3687, 7.1625



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



101.6420, -13.6275, 31.0090



123.6890, -21.5387, 48.5077



119.8390, -22.5986, 15.0502



65.2670, -1.6106, 3.2738



58.5510, -28.8656, 65.2918



2.0820, -1.0264, 2.5591

Inverse Universe

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



109.3580, 13.6275, -31.0090



135.3110, 21.5387, -48.5077



91.1610, 22.5986, -15.0502



65.7330, 1.6106, -3.2738



74.4490, 28.8656, -65.2918



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 101.6420, -13.6275, 31.0090 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 101.6420, -13.6275, 31.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

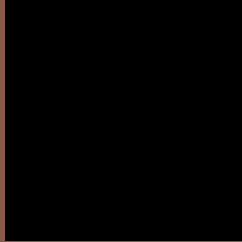
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.6420, -13.6275, 31.0090

Background



This preview shows how black text looks on a background with the YUV color 101.6420, -13.6275, 31.0090.



This preview shows how white text looks on a background with the YUV color 101.6420, -13.6275,

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

101.6420, -13.6275, 31.0090

Protanopia

100.5850, -10.6414, 6.5030

Deuteranopia

101.0270, -14.3103, 16.6393



Tritanopia

102.6450, -4.7550, 31.8833

Trichromacy



Original Color

101.6420, -13.6275, 31.0090

Protanomaly

101.2980, -11.9789, 15.5247

Deuteranomaly

101.1740, -13.8898, 21.7724

Tritanomaly

102.1350, -7.9546, 31.4536

Monochromacy



Original Color

101.6420, -13.6275, 31.0090

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8120, -4.8373, 11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6420, -13.6275, 31.0090 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(137, 89, 74)` looks like.

```
.text, #text, p{  
    color:rgb(137, 89, 74)  
}
```

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(137, 89, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 89, 74) }
```

Border

The CSS property to change the border of an element to YUV 101.6420, -13.6275, 31.0090 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(137, 89, 74) }
```


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

```
.border{ border-color:rgb(137, 89, 74) }
```

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

Here you see how a box with a 4 pixel rgb(137, 89, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 89, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 89, 74);  
box-shadow:4px 4px 4px 4px rgb(137, 89,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 101.6420, -13.6275, 31.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 89, 74) }
```

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

```
.background{ background-color: rgb(137, 89,  
74) }
```

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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