

Converting Colors

YUV(106.2720, -12.4591,
29.5795)

Have a look what the booklet for
YUV(106.2720, -12.4591, 29.5795)
contains.

YUV(106.2720, -12.4591, 29.5795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.2720, -12.4591,
29.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5E51
RGB	140, 94, 81
RGB Percent	55%, 37%, 32%
CMY	0.4510, 0.6314, 0.6824
CMYK	0.00, 0.33, 0.42, 0.45
HSL	13°, 27%, 43%
HSV	13°, 42%, 55%
XYZ	16.3031, 14.1749, 9.6613
YIQ	106.2720, 31.5890, 5.7090

Conversions

Conversions Part 2

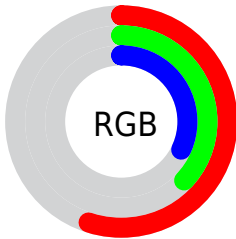
Format	Color
R_{YB}	140, 98, 81
Decimal	9199185
CIE Lab	44.48, 17.11, 15.08
CIE LCh	44, 22.803, 41.386
Yxy	14.1749, 0.4062, 0.3531
Android (android.graphics.Color)	4287389265 (0xFF8C5E51)
YUV	106.2720, -12.4591, 29.5795
Hunter-Lab	37.6496, 11.4076, 11.1402

Details

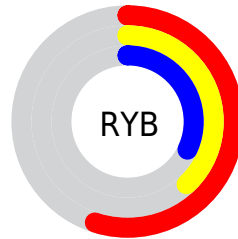
The YUV color **106.2720, -12.4591, 29.5795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.7280, 12.4591, -29.5795**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2400, -13.9223, 32.2385**, and **58.0050, -10.8485, 26.3056** is the 20% darker color. If you saturate the color by 10%, you get **98.2190, -15.3910, 36.6419**, and if you desaturate by 10%, it is **114.3250, -9.5272, 22.5170**.

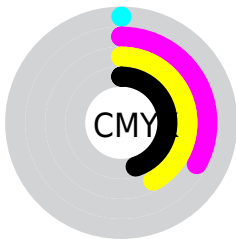
Distribution



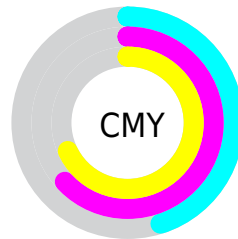
- Red (55%)
- Green (37%)
- Blue (32%)



- Red (55%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (42%)
- Black (45%)





- Cyan (45%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.2720, -12.4591, 29.5795 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 106.2720, -12.4591, 29.5795 by changing the saturation by 10% instead.


 106.2720,
-12.4591, 29.5795


 106.2720,
-12.4591, 29.5795


255.0000, 0.0000,
0.0000


 81.4890, -11.5801,
27.6351


 158.2400,
-13.9223, 32.2385


 58.0050, -10.8485,
26.3056

 185.1370,
-14.3645, 34.0829


 35.9230, -9.8220,
23.7465

 213.3220,
-14.9487, 34.7976

 13.1340, -6.4751,
23.5615

 233.5480,
-11.1162, 18.8134

 0.0000, 0.0000,
0.0000

 253.1760, -6.9888,
1.5996

■ 106.2720,
-12.4591, 29.5795

■ 106.2720,
-12.4591, 29.5795

■ 98.2190, -15.3910,
36.6419

■ 114.3250, -9.5272,
22.5170

■ 90.1660, -18.3228,
43.7044

■ 122.3780, -6.5954,
15.4545

■ 82.1130, -21.2547,
50.7669

■ 130.4310, -3.6635,
8.3920

■ 74.0600, -24.1866,
57.8294

■ 138.4840, -0.7316,
1.3295

■ 66.0070, -27.1185,
64.8919

■ 146.5370, 2.2003,
-5.7329

■ 60.0570, -29.6081,
70.1100

■ 154.0030, 5.4215,
-12.2806

■ 162.0560, 8.3534,
-19.3431

■ 170.1090, 11.2853,

-26.4056

■ 178.1620, 14.2171,
-33.4681

Harmonies

Analogous

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



107.4600, -4.1708, 31.1686



106.2720, -12.4591, 29.5795



105.2510, -17.3787, 20.8279

Triad

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



106.2720, -12.4591, 29.5795



98.0260, -2.9708, -27.2098



105.0320, 18.2252, -12.3061

Complementary

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



106.2720, -12.4591, 29.5795



114.7280, 12.4591, -29.5795

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.



99.1820, 20.6163, -32.6086



106.2720, -12.4591, 29.5795



94.9130, 8.4239, -42.0197

Square

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



106.2720, -12.4591, 29.5795



100.7310, -12.1924, -9.4111



94.2960, 17.6021, -45.8636



107.7850, 12.9240, 8.0816

Rectangle

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



106.2720, -12.4591, 29.5795



103.6690, -18.0778, 11.6913



94.2960, 17.6021, -45.8636



103.3300, 19.5573, -19.5834

Sweetspot

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



106.2720, -12.4591, 29.5795



167.8120, -4.8373, 11.5659



103.8850, 11.3957, 31.6729



83.2460, -3.0793, 7.6773



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



106.2720, -12.4591, 29.5795



128.2480, -19.3493, 46.2635



123.2950, -20.8514, 14.6503



64.6800, -1.3212, 3.7886



56.7900, -27.9975, 66.8362



2.0820, -1.0264, 2.5591

Inverse Universe

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



114.7280, 12.4591, -29.5795



141.7520, 19.3493, -46.2635



97.7050, 20.8514, -14.6503



65.7330, 1.6106, -3.2738



75.6230, 28.2869, -66.3214



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 106.2720, -12.4591, 29.5795 looks on a white background.

Color Contrast Check

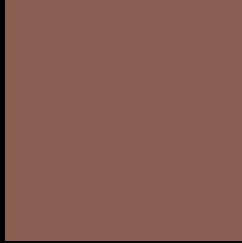
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.2720, -12.4591, 29.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

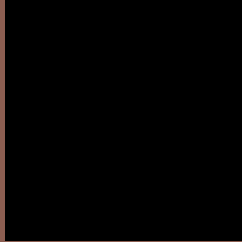
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.2720, -12.4591, 29.5795

Background



This preview shows how black text looks on a background with the YUV color 106.2720, -12.4591, 29.5795.



This preview shows how white text looks on a background with the YUV color 106.2720, -12.4591, 29.5795.

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

106.2720, -12.4591, 29.5795

Protanopia

104.9270, -9.3310, 6.2030

Deuteranopia

105.4830, -12.5631, 16.2394



Tritanopia

107.6340, -4.7496, 30.1390

Trichromacy



Original Color

106.2720, -12.4591, 29.5795

Protanomaly

105.3410, -10.5211, 14.6099

Deuteranomaly

105.5160, -12.5794, 21.4725

Tritanomaly

107.2380, -7.5123, 29.6093

Monochromacy



Original Color

106.2720, -12.4591, 29.5795

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2720, -12.4591, 29.5795 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(140, 94, 81)` looks like.

```
.text, #text, p{  
    color:rgb(140, 94, 81)  
}
```

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(140, 94, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 94, 81) }
```

Border

The CSS property to change the border of an element to YUV 106.2720, -12.4591, 29.5795 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(140, 94, 81) }
```


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

```
.border{ border-color:rgb(140, 94, 81) }
```

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

Here you see how a box with a 4 pixel rgb(140, 94, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 94, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 94, 81);  
box-shadow:4px 4px 4px 4px rgb(140, 94,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 106.2720, -12.4591, 29.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 94, 81) }
```

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

```
.background{ background-color: rgb(140, 94,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor