

Converting Colors

YUV(104.2270, -31.1709,
11.2019)

Have a look what the booklet for
YUV(104.2270, -31.1709, 11.2019)
contains.

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Color

**YUV(104.2270, -31.1709,
11.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	756E29
RGB	117, 110, 41
RGB Percent	46%, 43%, 16%
CMY	0.5412, 0.5686, 0.8392
CMYK	0.00, 0.06, 0.65, 0.54
HSL	54°, 48%, 31%
HSV	54°, 65%, 46%
XYZ	13.3123, 15.0939, 4.3096
YIQ	104.2270, 26.3210, -19.9750

Conversions

Conversions Part 2

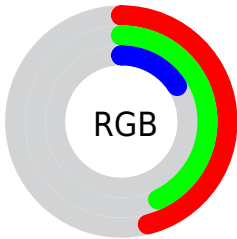
Format	Color
R_{YB}	49, 117, 41
Decimal	7695913
CIE Lab	45.76, -6.56, 38.33
CIE LCh	46, 38.885, 99.706
Yxy	15.0939, 0.4069, 0.4614
Android (android.graphics.Color)	4285885993 (0xFF756E29)
YUV	104.2270, -31.1709, 11.2019
Hunter-Lab	38.8508, -6.8257, 20.6187

Details

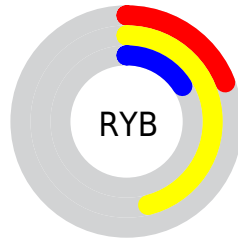
The YUV color **104.2270, -31.1709, 11.2019** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53.7730, 31.1709, -11.2019**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8960, -32.4867, 13.2462**, and **56.7150, -27.9605, 8.1429** is the 20% darker color. If you saturate the color by 10%, you get **102.2720, -36.1231, 12.9165**, and if you desaturate by 10%, it is **106.1820, -26.2187, 9.4874**.

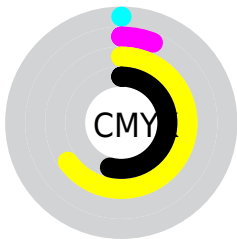
Distribution



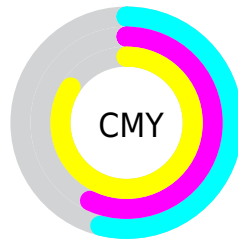
- Red (46%)
- Green (43%)
- Blue (16%)



- Red (19%)
- Yellow (46%)
- Blue (16%)



- Cyan (0%)
- Magenta (6%)
- Yellow (65%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2270, -31.1709, 11.2019 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 104.2270, -31.1709, 11.2019 by changing the saturation by 10% instead.

■ 104.2270,
-31.1709, 11.2019

■ 104.2270,
-31.1709, 11.2019

■ 255.0000, 0.0000,
0.0000

■ 79.5150, -31.3129,
10.0723

■ 155.8960,
-32.4867, 13.2462

■ 56.7150, -27.9605,
8.1429

■ 182.9670,
-33.5077, 14.0609

■ 36.6250, -18.0561,
4.7139

■ 211.0380,
-34.5287, 14.8757

■ 16.8120, -8.2883,
-1.5891

■ 238.6250,
-34.8181, 14.3609

■ 0.0000, 0.0000,
0.0000

■ 248.2740,
-25.7711, 5.8987

■ 251.4660,

-13.5407, 3.0993

254.7720, -0.8736,
0.2000

■ 104.2270,
-31.1709, 11.2019

■ 104.2270,
-31.1709, 11.2019

■ 102.2720,
-36.1231, 12.9165

■ 106.1820,
-26.2187, 9.4874

■ 100.4310,
-40.6385, 14.5310

■ 108.0230,
-21.7033, 7.8728

■ 98.4760, -45.5907,
16.2455

■ 109.9780,
-16.7512, 6.1583

■ 97.2050, -47.9221,
17.3602

■ 111.9330,
-11.7990, 4.4438

■ 113.8880, -6.8468,
2.7292

■ 115.7290, -2.3314,
1.1147

■ 118.2710, 2.3314,
-1.1147

■ 120.2260, 7.2836,
-2.8292

■ 122.0670, 11.7990,
-4.4438

Harmonies

Analogous

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



106.7120, -29.9310, 33.5786



104.2270, -31.1709, 11.2019



100.1680, -21.7748, -15.9333

Triad

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



104.2270, -31.1709, 11.2019



89.1870, 29.4878, -78.2170



111.0000, 10.3530, 39.4650

Complementary

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



104.2270, -31.1709, 11.2019



53.7730, 31.1709, -11.2019

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.



111.8530, 23.2435, 11.5299



104.2270, -31.1709, 11.2019



88.5320, 39.6707, -77.6426

Square

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



104.2270, -31.1709, 11.2019



86.8270, 15.3683, -76.1473



103.9340, 33.5565, -29.7601



108.7770, -4.8201, 52.8156

Rectangle

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



104.2270, -31.1709, 11.2019



95.5980, -10.6478, -38.2354



103.9340, 33.5565, -29.7601



111.5090, 15.0321, 32.0026

Sweetspot

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



104.2270, -31.1709, 11.2019



147.9330, -11.7990, 4.4438



64.6360, -7.7085, 45.9232



73.7740, -7.2836, 2.8292



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.



104.2270, -31.1709, 11.2019



132.9770, -48.7957, 17.5602



99.3660, -28.7744, -10.8450



57.7290, -2.3314, 1.1147



101.6350, -50.1061, 17.8601



207.9990, -102.5435, 36.8349

Inverse Universe

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



53.7730, 31.1709, -11.2019



54.0230, 48.7957, -17.5602



58.6340, 28.7744, 10.8450



53.6840, 2.6208, -0.5999



20.3650, 50.1061, -17.8601



42.0010, 102.5435, -36.8349

Previews

White Background



This preview shows how the YUV color 104.2270, -31.1709, 11.2019 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 104.2270, -31.1709, 11.2019 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 104.2270, -31.1709, 11.2019

Background



This preview shows how black text looks on a background with the YUV color 104.2270, -31.1709, 11.2019.



This preview shows how white text looks on a background with the YUV color 104.2270, -31.1709, 11.2019.

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

104.2270, -31.1709, 11.2019

Protanopia

104.8360, -31.4711, 14.1758

Deuteranopia

105.7280, -30.9249, 25.6715



Tritanopia

109.8920, 0.5462, 11.4957

Trichromacy



Original Color

104.2270, -31.1709, 11.2019

Protanomaly

104.5370, -31.3237, 13.5611

Deuteranomaly

105.2820, -31.1980, 19.9237

Tritanomaly

108.2050, -10.9471, 11.2212

Monochromacy



Original Color

104.2270, -31.1709, 11.2019

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0470, -11.3622, 4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2270, -31.1709, 11.2019 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(117, 110, 41)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 41)  
}
```

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(117, 110, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 41) }
```

Border

The CSS property to change the border of an element to YUV 104.2270, -31.1709, 11.2019 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(117, 110, 41) }
```


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

```
.border{ border-color:rgb(117, 110, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 110, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 41);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 104.2270, -31.1709, 11.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 41) }
```

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

```
.background{ background-color: rgb(117,  
110, 41) }
```

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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