

Converting Colors

YUV(104.5120, -19.9724,
12.7060)

Have a look what the booklet for
YUV(104.5120, -19.9724, 12.7060)
contains.

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Color

**YUV(104.5120, -19.9724,
12.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	776940
RGB	119, 105, 64
RGB Percent	47%, 41%, 25%
CMY	0.5333, 0.5882, 0.7490
CMYK	0.00, 0.12, 0.46, 0.53
HSL	45°, 30%, 36%
HSV	45°, 46%, 47%
XYZ	13.5847, 14.3953, 6.9131
YIQ	104.5120, 21.5050, -9.7830

Conversions

Conversions Part 2

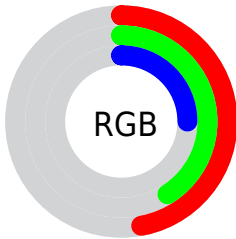
Format	Color
R_{YB}	83, 119, 64
Decimal	7825728
CIE Lab	44.79, -0.62, 25.03
CIE LCh	45, 25.039, 91.428
Yxy	14.3953, 0.3893, 0.4126
Android (android.graphics.Color)	4286015808 (0xFF776940)
YUV	104.5120, -19.9724, 12.7060
Hunter-Lab	37.9411, -2.4853, 15.7558

Details

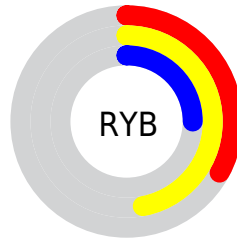
The YUV color **104.5120, -19.9724, 12.7060** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.4880, 19.9724, -12.7060**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7680, -21.5776, 14.2355**, and **56.9570, -18.2198, 10.5617** is the 20% darker color. If you saturate the color by 10%, you get **101.3830, -24.3458, 15.4501**, and if you desaturate by 10%, it is **107.6410, -15.5990, 9.9618**.

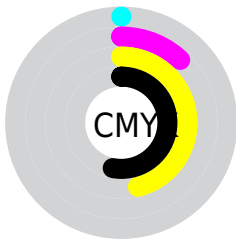
Distribution



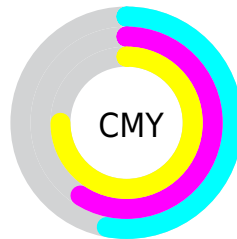
- Red (47%)
- Green (41%)
- Blue (25%)



- Red (33%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5120, -19.9724, 12.7060 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 104.5120, -19.9724, 12.7060 by changing the saturation by 10% instead.

104.5120,
-19.9724, 12.7060

104.5120,
-19.9724, 12.7060

255.0000, 0.0000,
0.0000

80.3270, -19.3882,
11.9912

155.7680,
-21.5776, 14.2355

56.9570, -18.2198,
10.5617

182.9530,
-22.1618, 14.9502

35.7720, -17.6356,
9.8470

210.5510,
-22.4566, 16.1798

15.6710, -7.7258,
4.6735

238.4260,
-22.8880, 14.5354

0.0000, 0.0000,
0.0000

251.0100,
-15.2879, 3.4992

254.2020, -3.0576,

0.6998

■ 104.5120,
-19.9724, 12.7060

■ 104.5120,
-19.9724, 12.7060

■ 101.3830,
-24.3458, 15.4501

■ 107.6410,
-15.5990, 9.9618

■ 98.2540, -28.7192,
18.1942

■ 110.7700,
-11.2256, 7.2177

■ 95.1250, -33.0926,
20.9384

■ 113.8990, -6.8522,
4.4736

■ 91.9960, -37.4660,
23.6825

■ 117.0280, -2.4788,
1.7294

■ 88.9810, -41.4026,
26.3267

■ 120.1570, 1.8946,
-1.0147

■ 87.8240, -43.2972,
27.3414

■ 123.1720, 5.8312,
-3.6588

■ 126.3010, 10.2046,
-6.4030

■ 129.4300, 14.5780,
-9.1471

■ 132.5590, 18.9514,
-11.8912

Harmonies

Analogous

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



106.1700, -17.8318, 26.1609



104.5120, -19.9724, 12.7060



102.1400, -15.8450, -4.5078

Triad

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



104.5120, -19.9724, 12.7060



91.2300, 17.6346, -56.3297



108.7220, 8.5181, 21.2918

Complementary

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



104.5120, -19.9724, 12.7060



78.4880, 19.9724, -12.7060

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.



107.7780, 16.8714, 1.9487



104.5120, -19.9724, 12.7060



95.6750, 22.8382, -45.3190

Square

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



104.5120, -19.9724, 12.7060



94.5170, 5.6611, -42.5494



103.4760, 21.4573, -22.3425



108.2690, -1.1186, 32.2131

Rectangle

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



104.5120, -19.9724, 12.7060



100.1430, -10.4235, -16.7884



103.4760, 21.4573, -22.3425



108.7860, 11.4445, 15.9737

Sweetspot

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



104.5120, -19.9724, 12.7060



149.9700, -7.8732, 5.2883



82.1550, -1.5554, 32.3131



75.7570, -4.8102, 2.8441



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



104.5120, -19.9724, 12.7060



133.2820, -31.1980, 19.9237



108.8430, -22.1076, -2.4933



57.1420, -2.0420, 1.6295



89.8950, -44.3182, 28.1561



183.9320, -90.6785, 57.9416

Inverse Universe

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



78.4880, 19.9724, -12.7060



92.7180, 31.1980, -19.9237



74.1570, 22.1076, 2.4933



54.2710, 2.3314, -1.1147



32.1050, 44.3182, -28.1561



66.0680, 90.6785, -57.9416

Previews

White Background



This preview shows how the YUV color 104.5120, -19.9724, 12.7060 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 104.5120, -19.9724, 12.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

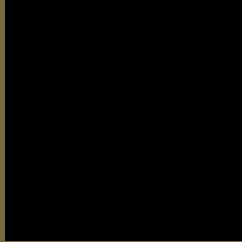
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.5120, -19.9724, 12.7060

Background



This preview shows how black text looks on a background with the YUV color 104.5120, -19.9724, 12.7060.



This preview shows how white text looks on a background with the YUV color 104.5120, -19.9724, 12.7060.

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

104.5120, -19.9724, 12.7060

Protanopia

104.2020, -19.8196, 10.3468

Deuteranopia

104.9690, -19.7047, 20.1982



Tritanopia

107.7890, 0.1040, 13.3400

Trichromacy



Original Color

104.5120, -19.9724, 12.7060

Protanomaly

104.5010, -19.9670, 10.9616

Deuteranomaly

104.6590, -19.5519, 17.8391

Tritanomaly

106.8400, -7.3161, 13.2953

Monochromacy



Original Color

104.5120, -19.9724, 12.7060

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5120, -19.9724, 12.7060 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(119, 105, 64)` looks like.

```
.text, #text, p{  
    color:rgb(119, 105, 64)  
}
```

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(119, 105, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 105, 64) }
```

Border

The CSS property to change the border of an element to YUV 104.5120, -19.9724, 12.7060 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(119, 105, 64) }
```


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

```
.border{ border-color:rgb(119, 105, 64) }
```

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

Here you see how a box with a 4 pixel rgb(119, 105, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 105, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 105, 64);  
box-shadow:4px 4px 4px 4px rgb(119, 105,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 104.5120, -19.9724, 12.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 105, 64) }
```

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

```
.background{ background-color: rgb(119,  
105, 64) }
```

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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