

Converting Colors

YUV(104.9820, -49.7841,
7.9088)

Have a look what the booklet for
YUV(104.9820, -49.7841, 7.9088)
contains.

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Color

**YUV(104.9820, -49.7841,
7.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	727804
RGB	114, 120, 4
RGB Percent	45%, 47%, 2%
CMY	0.5529, 0.5294, 0.9843
CMYK	0.05, 0.00, 0.97, 0.53
HSL	63°, 94%, 24%
HSV	63°, 97%, 47%
XYZ	13.6778, 17.0191, 2.6790
YIQ	104.9820, 33.6600, -37.3480

Conversions

Conversions Part 2

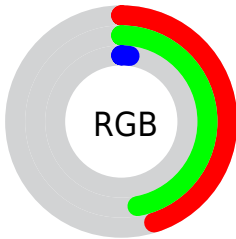
Format	Color
R_{YB}	4, 120, 10
Decimal	7501828
CIE Lab	48.28, -15.07, 52.66
CIE LCh	48, 54.778, 105.968
Yxy	17.0191, 0.4098, 0.5099
Android (android.graphics.Color)	4285691908 (0xFF727804)
YUV	104.9820, -49.7841, 7.9088
Hunter-Lab	41.2542, -13.0133, 25.0278

Details

The YUV color **104.9820, -49.7841, 7.9088** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19.0180, 49.7841, -7.9088**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0190, -45.8584, 8.7533**, and **60.8020, -29.9754, 1.0506** is the 20% darker color. If you saturate the color by 10%, you get **104.5260, -51.5313, 8.3087**, and if you desaturate by 10%, it is **106.6490, -44.6900, 7.3238**.

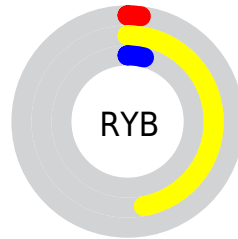
Distribution



Red (45%)

Green (47%)

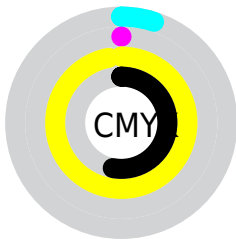
Blue (2%)



Red (2%)

Yellow (47%)

Blue (4%)

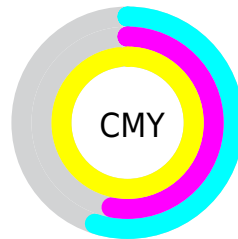


Cyan (5%)

Magenta (0%)

Yellow (97%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9820, -49.7841, 7.9088 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 104.9820, -49.7841, 7.9088 by changing the saturation by 10% instead.

104.9820,
-49.7841, 7.9088

104.9820,
-49.7841, 7.9088

255.0000, 0.0000,
0.0000

81.7780, -40.3166,
4.5797

159.0190,
-45.8584, 8.7533

60.8020, -29.9754,
1.0506

186.2040,
-46.4426, 9.4681

39.5270, -19.4868,
-3.0932

214.2750,
-47.4636, 10.2828

19.1160, -9.4242,
-10.6257

242.4600,
-48.0478, 10.9976

0.0000, 0.0000,
0.0000

245.6520,
-35.8174, 8.1982

248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 104.9820,
-49.7841, 7.9088

■ 104.9820,
-49.7841, 7.9088

■ 104.5260,
-51.5313, 8.3087

■ 106.6490,
-44.6900, 7.3238

■ 108.0170,
-39.4484, 6.1241

■ 109.6840,
-34.3542, 5.5391

■ 111.0520,
-29.1126, 4.3394

■ 112.7190,
-24.0185, 3.7544

■ 114.3860,
-18.9243, 3.1695

■ 115.7540,
-13.6827, 1.9697

■ 117.4210, -8.5886,
1.3848

■ 119.0880, -3.4944,
0.7998

Harmonies

Analogous

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



109.2340, -48.4294, 40.1368



104.9820, -49.7841, 7.9088



99.0810, -26.6619, -35.1510

Triad

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



104.9820, -49.7841, 7.9088



99.1780, 39.8452, -86.9791



113.9090, 11.8769, 64.1008

Complementary

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



104.9820, -49.7841, 7.9088



19.0180, 49.7841, -7.9088

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.



118.1890, 30.4728, 26.1442



104.9820, -49.7841, 7.9088



97.3320, 53.0803, -85.3602

Square

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



104.9820, -49.7841, 7.9088



95.6780, 21.3577, -83.9096



108.4460, 47.1081, -36.3481



110.1930, -8.9691, 77.0067

Rectangle

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



104.9820, -49.7841, 7.9088



87.2080, -6.0185, -76.4814



108.4460, 47.1081, -36.3481



115.5640, 18.4559, 53.8794

Sweetspot

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



104.9820, -49.7841, 7.9088



149.8590, -19.6505, 2.7547



42.2060, -18.8356, 68.2253



75.5090, -12.0829, 2.1846



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.



104.9820, -49.7841, 7.9088



135.8240, -66.9612, 10.6784



87.6400, -41.2345, -27.7483



60.3160, -2.6208, 0.5999



108.6570, -53.5679, 8.1938



219.3850, -108.1568, 17.2024

Inverse Universe

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



19.0180, 49.7841, -7.9088



20.1760, 66.9612, -10.6784



36.3600, 41.2345, 27.7483



55.6840, 2.6208, -0.5999



16.0440, 53.7153, -8.8086



32.6150, 108.1568, -17.2024

Previews

White Background



This preview shows how the YUV color 104.9820, -49.7841, 7.9088 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 104.9820, -49.7841, 7.9088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

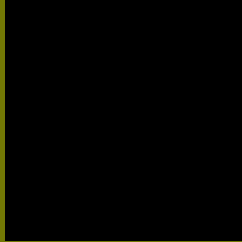
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.9820, -49.7841, 7.9088

Background



This preview shows how black text looks on a background with the YUV color 104.9820, -49.7841, 7.9088.



This preview shows how white text looks on a background with the YUV color 104.9820, -49.7841,

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

104.9820, -49.7841, 7.9088

Protanopia

106.0760, -52.2955, 20.1043

Deuteranopia

109.5040, -44.6185, 31.1300



Tritanopia

115.9020, 2.0203, 5.3479

Trichromacy



Original Color

104.9820, -49.7841, 7.9088

Protanomaly

105.8690, -51.7004, 15.9009

Deuteranomaly

107.9930, -46.3385, 22.8081

Tritanomaly

111.9780, -16.7512, 6.1583

Monochromacy



Original Color

104.9820, -49.7841, 7.9088

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6140, -18.0507, 2.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9820, -49.7841, 7.9088 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(114, 120, 4)` looks like.

```
.text, #text, p{  
    color:rgb(114, 120, 4)  
}
```

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(114, 120, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 120, 4) }
```

Border

The CSS property to change the border of an element to YUV 104.9820, -49.7841, 7.9088 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(114, 120, 4) }
```


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

```
.border{ border-color:rgb(114, 120, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 120, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 120, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 120, 4);  
box-shadow:4px 4px 4px 4px rgb(114, 120,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 104.9820, -49.7841, 7.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 120, 4) }
```

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

```
.background{ background-color: rgb(114,  
120, 4) }
```

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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