

Converting Colors

YUV(104.4980, -49.0525,
6.5793)

Have a look what the booklet for
YUV(104.4980, -49.0525, 6.5793)
contains.

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Color

**YUV(104.4980, -49.0525,
6.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	707805
RGB	112, 120, 5
RGB Percent	44%, 47%, 2%
CMY	0.5608, 0.5294, 0.9804
CMYK	0.07, 0.00, 0.96, 0.53
HSL	64°, 92%, 25%
HSV	64°, 96%, 47%
XYZ	13.4260, 16.8886, 2.6958
YIQ	104.4980, 32.1470, -37.4610

Conversions

Conversions Part 2

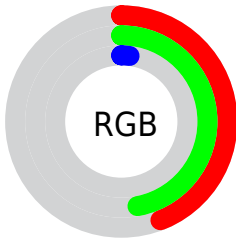
Format	Color
R_{YB}	5, 120, 13
Decimal	7370757
CIE _{Lab}	48.12, -15.98, 52.26
CIE _{LCh}	48, 54.647, 107.001
Yxy	16.8886, 0.4067, 0.5116
Android (android.graphics.Color)	4285560837 (0xFF707805)
YUV	104.4980, -49.0525, 6.5793
Hunter-Lab	41.0958, -13.6019, 24.8778

Details

The YUV color **104.4980, -49.0525, 6.5793** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **20.5020, 49.0525, -6.5793**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4210, -45.5636, 7.5238**, and **60.2040, -29.6806, -0.1789** is the 20% darker color. If you saturate the color by 10%, you get **103.9280, -51.2365, 7.0791**, and if you desaturate by 10%, it is **106.1650, -43.9583, 5.9943**.

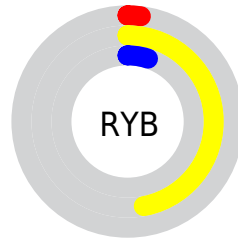
Distribution



Red (44%)

Green (47%)

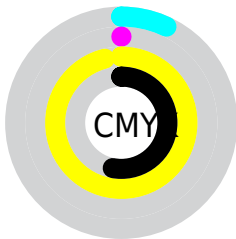
Blue (2%)



Red (2%)

Yellow (47%)

Blue (5%)

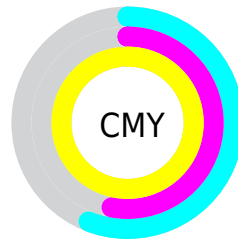


Cyan (7%)

Magenta (0%)

Yellow (96%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4980, -49.0525, 6.5793 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 104.4980, -49.0525, 6.5793 by changing the saturation by 10% instead.

■ 104.4980,
-49.0525, 6.5793

■ 104.4980,
-49.0525, 6.5793

■ 255.0000, 0.0000,
0.0000

■ 81.4790, -40.1691,
3.9649

■ 158.4210,
-45.5636, 7.5238

■ 60.2040, -29.6806,
-0.1789

■ 185.6060,
-46.1478, 8.2385

■ 38.9290, -19.1920,
-4.3227

■ 213.7910,
-46.7320, 8.9533

■ 18.2190, -8.9820,
-12.4701

■ 242.2750,
-47.4636, 10.2828

■ 0.0000, 0.0000,
0.0000

■ 245.6520,
-35.8174, 8.1982

■ 248.8440,

-23.5871, 5.3988

■ 252.1500,
-10.9200, 2.4994

■ 104.4980,
-49.0525, 6.5793

■ 104.4980,
-49.0525, 6.5793

■ 103.9280,
-51.2365, 7.0791

■ 106.1650,
-43.9583, 5.9943

■ 107.8320,
-38.8642, 5.4093

■ 109.4990,
-33.7700, 4.8244

■ 110.8670,
-28.5284, 3.6246

■ 112.5340,
-23.4343, 3.0397

■ 114.2010,
-18.3401, 2.4547

■ 115.8680,
-13.2459, 1.8698

■ 117.5350, -8.1518,
1.2848

■ 119.2020, -3.0576,
0.6998

Harmonies

Analogous

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



108.4080, -49.0081, 39.1072



104.4980, -49.0525, 6.5793



98.2980, -25.7829, -37.0953

Triad

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



104.4980, -49.0525, 6.5793



98.7050, 40.5714, -86.5643



113.0940, 11.2927, 64.8156

Complementary

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



104.4980, -49.0525, 6.5793



20.5020, 49.0525, -6.5793

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.



117.6730, 29.7412, 27.4738



104.4980, -49.0525, 6.5793



96.6310, 52.9329, -84.7454

Square

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



104.4980, -49.0525, 6.5793



95.7920, 21.7945, -84.0096



108.9410, 46.3711, -33.2743



109.6660, -9.6953, 76.5919

Rectangle

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



104.4980, -49.0525, 6.5793



86.7350, -5.2924, -76.0666



108.9410, 46.3711, -33.2743



115.0480, 17.7243, 55.2089

Sweetspot

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



104.4980, -49.0525, 6.5793



149.5600, -19.5031, 2.1399



44.0810, -19.2669, 66.5810



75.2100, -11.9355, 1.5698



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.



104.4980, -49.0525, 6.5793



134.9270, -66.5190, 8.8340



87.4550, -40.6503, -28.4630



60.3160, -2.6208, 0.5999



108.0590, -53.2731, 6.9643



218.1890, -107.5672, 14.7432

Inverse Universe

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



20.5020, 49.0525, -6.5793



21.0730, 66.5190, -8.8340



37.5450, 40.6503, 28.4630



55.9830, 2.4734, 0.0149



16.9410, 53.2731, -6.9643



34.1100, 107.4198, -14.1285

Previews

White Background



This preview shows how the YUV color 104.4980, -49.0525, 6.5793 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 104.4980, -49.0525, 6.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

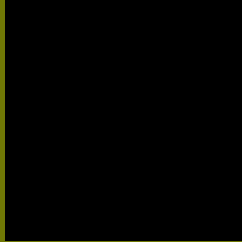
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4980, -49.0525, 6.5793

Background



This preview shows how black text looks on a background with the YUV color 104.4980, -49.0525, 6.5793.



This preview shows how white text looks on a background with the YUV color 104.4980, -49.0525,

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

104.4980, -49.0525, 6.5793

Deuteranopia

108.7320, -43.7449, 30.9300

Tritanopia

115.6030, 2.1677, 4.7332

Trichromacy



Original Color

104.4980, -49.0525, 6.5793

Deuteranomaly

106.9220, -45.3175, 21.9934

Tritanomaly

111.6790, -16.6037, 5.5435

Monochromacy



Original Color

104.4980, -49.0525, 6.5793

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3150, -17.9033, 2.3547

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4980, -49.0525, 6.5793 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(112, 120, 5)` looks like.

```
.text, #text, p{  
    color:rgb(112, 120, 5)  
}
```

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(112, 120, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 120, 5) }
```

Border

The CSS property to change the border of an element to YUV 104.4980, -49.0525, 6.5793 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(112, 120, 5) }
```

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

```
.border{ border-color:rgb(112, 120, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 120, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 120, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 120, 5);  
box-shadow:4px 4px 4px 4px rgb(112, 120,  
5) }
```


Background

The CSS property to change the background color of an element to YUV 104.4980, -49.0525, 6.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 120, 5) }
```

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

```
.background{ background-color: rgb(112,  
120, 5) }
```

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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