

Converting Colors

YUV(109.7950, -22.5769,
8.0728)

Have a look what the booklet for
YUV(109.7950, -22.5769, 8.0728)
contains.

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Color

**YUV(109.7950, -22.5769,
8.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	777240
RGB	119, 114, 64
RGB Percent	47%, 45%, 25%
CMY	0.5333, 0.5529, 0.7490
CMYK	0.00, 0.04, 0.46, 0.53
HSL	55°, 30%, 36%
HSV	55°, 46%, 47%
XYZ	14.5505, 16.3267, 7.2350
YIQ	109.7950, 19.0300, -14.4900

Conversions

Conversions Part 2

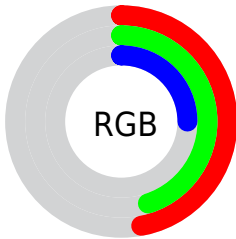
Format	Color
RYB	70, 119, 64
Decimal	7828032
CIELab	47.40, -5.80, 28.30
CIELCh	47, 28.892, 101.585
Yxy	16.3267, 0.3818, 0.4284
Android (android.graphics.Color)	4286018112 (0xFF777240)
YUV	109.7950, -22.5769, 8.0728
Hunter-Lab	40.4064, -6.4326, 17.6683

Details

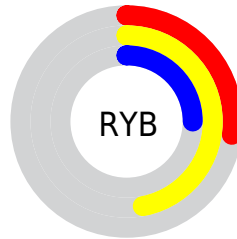
The YUV color **109.7950, -22.5769, 8.0728** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.2050, 22.5769, -8.0728**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7520, -24.0347, 8.9875**, and **61.5390, -20.9717, 6.5433** is the 20% darker color. If you saturate the color by 10%, you get **107.8400, -27.5291, 9.7873**, and if you desaturate by 10%, it is **111.7500, -17.6247, 6.3583**.

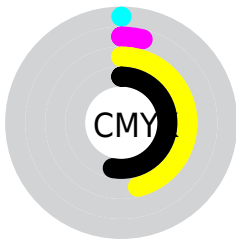
Distribution



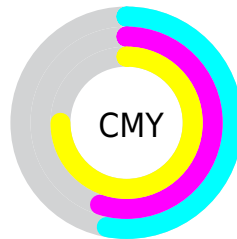
- Red (47%)
- Green (45%)
- Blue (25%)



- Red (27%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (46%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7950, -22.5769, 8.0728 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 109.7950, -22.5769, 8.0728 by changing the saturation by 10% instead.

■ 109.7950,
-22.5769, 8.0728

■ 109.7950,
-22.5769, 8.0728

■ 255.0000, 0.0000,
0.0000

■ 85.6100, -21.9927,
7.3580

■ 161.7520,
-24.0347, 8.9875

■ 61.5390, -20.9717,
6.5433

■ 188.9370,
-24.6189, 9.7023

■ 39.5820, -19.5139,
5.6286

■ 217.0080,
-25.6399, 10.5170

■ 20.6660, -10.1883,
1.1699

■ 244.2960,
-25.7819, 9.3874

■ 0.0000, 0.0000,
0.0000

■ 251.0100,
-15.2879, 3.4992

■ 254.3160, -2.6208,

0.5999

■ 109.7950,
-22.5769, 8.0728

■ 109.7950,
-22.5769, 8.0728

■ 107.8400,
-27.5291, 9.7873

■ 111.7500,
-17.6247, 6.3583

■ 105.8850,
-32.4813, 11.5019

■ 113.7050,
-12.6726, 4.6437

■ 103.9300,
-37.4335, 13.2164

■ 115.6600, -7.7204,
2.9292

■ 101.9750,
-42.3857, 14.9309

■ 117.6150, -2.7682,
1.2146

■ 100.1340,
-46.9011, 16.5455

■ 119.5700, 2.1840,
-0.4999

■ 98.9770, -48.7957,
17.5602

■ 121.4110, 6.6994,
-2.1144

■ 123.9530, 11.3622,
-4.3438

■ 125.9080, 16.3144,
-6.0583

■ 127.8630, 21.2665,
-7.7729

Harmonies

Analogous

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



111.9050, -22.6312, 25.5163



109.7950, -22.5769, 8.0728



106.4980, -15.5285, -12.7147

Triad

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



109.7950, -22.5769, 8.0728



89.2040, 27.0144, -78.2319



115.2070, 6.3069, 30.5135

Complementary

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



109.7950, -22.5769, 8.0728



73.2050, 22.5769, -8.0728

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.



115.4200, 16.5549, 10.1557



109.7950, -22.5769, 8.0728



102.2170, 27.5010, -47.5483

Square

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



109.7950, -22.5769, 8.0728



93.7470, 13.4357, -62.9221



111.4920, 23.9144, -17.0945



114.2870, -5.0715, 40.0903

Rectangle

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



109.7950, -22.5769, 8.0728



103.7610, -7.7702, -27.8544



111.4920, 23.9144, -17.0945



115.4990, 10.1070, 24.9954

Sweetspot

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



109.7950, -22.5769, 8.0728



152.3180, -9.0308, 3.2291



81.1290, -5.4866, 33.2129



76.9310, -5.3890, 1.8145



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.



109.7950, -22.5769, 8.0728



141.5000, -35.2495, 12.7165



106.1520, -20.7809, -8.0263



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.



73.2050, 22.5769, -8.0728



84.5000, 35.2495, -12.7165



76.8480, 20.7809, 8.0263



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 109.7950, -22.5769, 8.0728 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 109.7950, -22.5769, 8.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

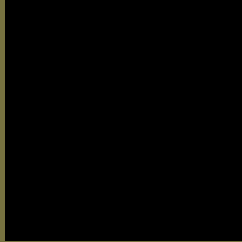
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7950, -22.5769, 8.0728

Background



This preview shows how black text looks on a background with the YUV color 109.7950, -22.5769, 8.0728.



This preview shows how white text looks on a background with the YUV color 109.7950, -22.5769, 8.0728.

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

109.7950, -22.5769, 8.0728

Protanopia

110.2900, -23.3140, 11.1467

Deuteranopia

111.2960, -22.3309, 22.5424



Tritanopia

113.9950, 0.9885, 9.6514

Trichromacy



Original Color

109.7950, -22.5769, 8.0728

Protanomaly

109.9910, -23.1666, 10.5319

Deuteranomaly

110.8500, -22.6040, 16.7946

Tritanomaly

112.4050, -7.5947, 9.2918

Monochromacy



Original Color

109.7950, -22.5769, 8.0728

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.5460, -8.1572, 3.0292

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7950, -22.5769, 8.0728 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, 114, 64)` looks like.

```
.text, #text, p{  
    color:rgb(119, 114, 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, 114, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 114, 64) }
```

Border

The CSS property to change the border of an element to YUV 109.7950, -22.5769, 8.0728 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, 114, 64) }
```


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

```
.border{ border-color:rgb(119, 114, 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, 114, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 114, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 114, 64);  
box-shadow:4px 4px 4px 4px rgb(119, 114,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 109.7950, -22.5769, 8.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 114, 64) }
```

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

```
.background{ background-color: rgb(119,  
114, 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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