

Converting Colors

YUV(109.2510, -20.8297,
7.6729)

Have a look what the booklet for
YUV(109.2510, -20.8297, 7.6729)
contains.

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Color

**YUV(109.2510, -20.8297,
7.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	767143
RGB	118, 113, 67
RGB Percent	46%, 44%, 26%
CMY	0.5373, 0.5569, 0.7373
CMYK	0.00, 0.04, 0.43, 0.54
HSL	54°, 28%, 36%
HSV	54°, 43%, 46%
XYZ	14.3895, 16.0671, 7.6530
YIQ	109.2510, 17.7460, -13.2460

Conversions

Conversions Part 2

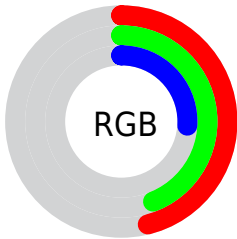
Format	Color
R_{YB}	73, 118, 67
Decimal	7762243
CIE _{Lab}	47.06, -5.34, 26.19
CIE _{LCh}	47, 26.728, 101.516
Yxy	16.0671, 0.3776, 0.4216
Android (android.graphics.Color)	4285952323 (0xFF767143)
YUV	109.2510, -20.8297, 7.6729
Hunter-Lab	40.0837, -6.0677, 16.7386

Details

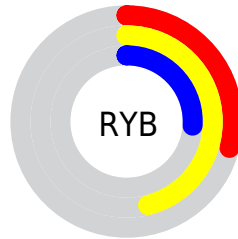
The YUV color **109.2510, -20.8297, 7.6729** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75.7490, 20.8297, -7.6729**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2080, -22.2875, 8.5876**, and **60.9950, -19.2245, 6.1434** is the 20% darker color. If you saturate the color by 10%, you get **107.2960, -25.7819, 9.3874**, and if you desaturate by 10%, it is **111.2060, -15.8776, 5.9583**.

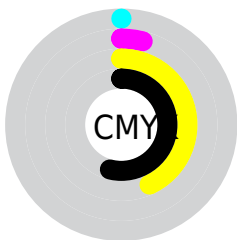
Distribution



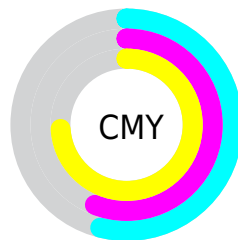
- Red (46%)
- Green (44%)
- Blue (26%)



- Red (29%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (4%)
- Yellow (43%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2510, -20.8297, 7.6729 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 109.2510, -20.8297, 7.6729 by changing the saturation by 10% instead.

■ 109.2510,
-20.8297, 7.6729

■ 109.2510,
-20.8297, 7.6729

■ 255.0000, 0.0000,
0.0000

■ 85.0660, -20.2455,
6.9581

■ 161.2080,
-22.2875, 8.5876

■ 60.9950, -19.2245,
6.1434

■ 188.3930,
-22.8717, 9.3023

■ 38.9950, -19.2245,
6.1434

■ 216.1650,
-23.7453, 9.5023

■ 20.0790, -9.8989,
1.6847

■ 244.1650,
-23.7453, 9.5023

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

■ 254.6580, -1.3104,

0.2999

■ 109.2510,
-20.8297, 7.6729

■ 109.2510,
-20.8297, 7.6729

■ 107.2960,
-25.7819, 9.3874

■ 111.2060,
-15.8776, 5.9583

■ 105.3410,
-30.7341, 11.1019

■ 113.1610,
-10.9254, 4.2438

■ 103.5000,
-35.2495, 12.7165

■ 115.0020, -6.4100,
2.6292

■ 100.9580,
-39.9123, 14.9458

■ 117.5440, -1.7472,
0.3999

■ 99.0030, -44.8645,
16.6604

■ 119.4990, 3.2050,
-1.3146

■ 97.5040, -48.0695,
17.9750

■ 121.4540, 8.1572,
-3.0292

■ 123.4090, 13.1094,
-4.7437

■ 125.2500, 17.6248,
-6.3582

■ 127.2050, 22.5769,
-8.0728

Harmonies

Analogous

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



111.0620, -20.7366, 24.5016



109.2510, -20.8297, 7.6729



106.4380, -14.5129, -11.7851

Triad

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



109.2510, -20.8297, 7.6729



94.8640, 22.7450, -62.1477



114.6690, 5.5862, 28.3543

Complementary

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



109.2510, -20.8297, 7.6729



75.7490, 20.8297, -7.6729

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.



114.3660, 15.1026, 9.3260



109.2510, -20.8297, 7.6729



103.5660, 24.8640, -41.7154

Square

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



109.2510, -20.8297, 7.6729



97.2320, 11.2246, -53.7005



110.9330, 21.7250, -14.8502



113.6780, -4.7713, 37.1164

Rectangle

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



109.2510, -20.8297, 7.6729



104.1850, -7.4862, -25.5952



110.9330, 21.7250, -14.8502



114.8470, 8.9494, 22.9362

Sweetspot

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



109.2510, -20.8297, 7.6729



149.5460, -8.1572, 3.0292



82.8190, -5.3338, 30.8537



74.3440, -5.0996, 2.3293



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.



109.2510, -20.8297, 7.6729



139.1840, -32.6287, 12.1166



106.2060, -19.3286, -7.1967



57.7290, -2.3314, 1.1147



101.0480, -49.8167, 18.3749



206.8250, -101.9647, 37.8645

Inverse Universe

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



75.7490, 20.8297, -7.6729



86.8160, 32.6287, -12.1166



78.7940, 19.3286, 7.1967



53.6840, 2.6208, -0.5999



20.9520, 49.8167, -18.3749



43.1750, 101.9647, -37.8645

Previews

White Background



This preview shows how the YUV color 109.2510, -20.8297, 7.6729 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 109.2510, -20.8297, 7.6729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

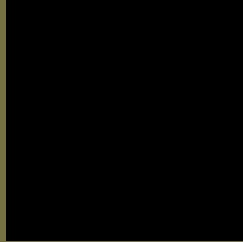
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.2510, -20.8297, 7.6729

Background



This preview shows how black text looks on a background with the YUV color 109.2510, -20.8297, 7.6729.



This preview shows how white text looks on a background with the YUV color 109.2510, -20.8297, 7.6729.

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

109.2510, -20.8297, 7.6729

Protanopia

109.7460, -21.5668, 10.7468

Deuteranopia

110.9260, -21.1625, 21.1129



Tritanopia

112.8100, 1.5727, 8.9366

Trichromacy



Original Color

109.2510, -20.8297, 7.6729

Protanomaly

109.4470, -21.4194, 10.1320

Deuteranomaly

110.3060, -20.8569, 16.3946

Tritanomaly

111.3340, -6.5737, 8.4771

Monochromacy



Original Color

109.2510, -20.8297, 7.6729

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2510, -20.8297, 7.6729 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(118, 113, 67)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 67)  
}
```

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(118, 113, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 67) }
```

Border

The CSS property to change the border of an element to YUV 109.2510, -20.8297, 7.6729 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(118, 113, 67) }
```


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

```
.border{ border-color:rgb(118, 113, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 113, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 67);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 109.2510, -20.8297, 7.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 67) }
```

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

```
.background{ background-color: rgb(118,  
113, 67) }
```

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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