

Converting Colors

YUV(112.9570, -38.4328,
7.0537)

Have a look what the booklet for
YUV(112.9570, -38.4328, 7.0537)
contains.

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Color

**YUV(112.9570, -38.4328,
7.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	797C23
RGB	121, 124, 35
RGB Percent	47%, 49%, 14%
CMY	0.5255, 0.5137, 0.8627
CMYK	0.02, 0.00, 0.72, 0.51
HSL	62°, 56%, 31%
HSV	62°, 72%, 49%
XYZ	15.3962, 18.6016, 4.3691
YIQ	112.9570, 26.7810, -28.3150

Conversions

Conversions Part 2

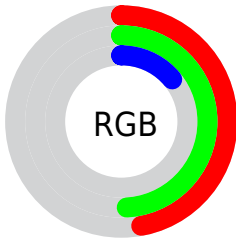
Format	Color
R_{YB}	35, 124, 38
Decimal	7961635
CIE _{Lab}	50.22, -12.86, 45.70
CIE _{LCh}	50, 47.473, 105.720
Yxy	18.6016, 0.4013, 0.4848
Android (android.graphics.Color)	4286151715 (0xFF797C23)
YUV	112.9570, -38.4328, 7.0537
Hunter-Lab	43.1296, -11.7567, 24.1845

Details

The YUV color **112.9570, -38.4328, 7.0537** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **46.0430, 38.4328, -7.0537**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7400, -39.3118, 8.9980**, and **64.6560, -31.8754, 3.8097** is the 20% darker color. If you saturate the color by 10%, you get **111.5890, -43.6744, 8.2534**, and if you desaturate by 10%, it is **114.3250, -33.1912, 5.8540**.

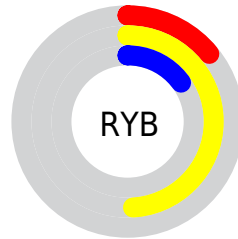
Distribution



Red (47%)

Green (49%)

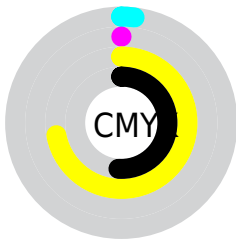
Blue (14%)



Red (14%)

Yellow (49%)

Blue (15%)

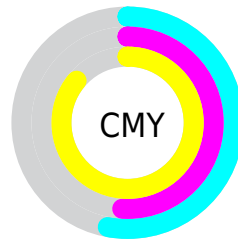


Cyan (2%)

Magenta (0%)

Yellow (72%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9570, -38.4328, 7.0537 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 112.9570, -38.4328, 7.0537 by changing the saturation by 10% instead.

■ 112.9570,
-38.4328, 7.0537

■ 112.9570,
-38.4328, 7.0537

■ 255.0000, 0.0000,
0.0000

■ 86.9740, -40.9062,
7.0388

■ 165.7400,
-39.3118, 8.9980

■ 64.6560, -31.8754,
3.8097

■ 193.5120,
-40.1854, 9.1980

■ 44.2670, -21.8236,
-0.2342

■ 221.5830,
-41.2064, 10.0127

■ 24.7640, -12.2087,
-4.1780

■ 244.7400,
-39.3118, 8.9980

■ 0.5870, -0.2894,
-0.5148

■ 247.9320,
-27.0815, 6.1986

■ 0.0000, 0.0000,
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 112.9570,
-38.4328, 7.0537

■ 112.9570,
-38.4328, 7.0537

■ 111.5890,
-43.6744, 8.2534

■ 114.3250,
-33.1912, 5.8540

■ 109.8080,
-49.2053, 8.9384

■ 116.1060,
-27.6603, 5.1690

■ 108.6680,
-53.5733, 9.9382

■ 117.4740,
-22.4187, 3.9693

■ 119.2550,
-16.8877, 3.2844

■ 120.6230,
-11.6461, 2.0846

■ 122.2900, -6.5520,
1.4997

■ 123.7720, -0.8736,
0.2000

■ 125.1400, 4.3680,
-0.9998

■ 126.9210, 9.8989,
-1.6847

Harmonies

Analogous

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



116.3180, -39.1038, 35.6781



112.9570, -38.4328, 7.0537



107.3360, -23.3366, -28.3587

Triad

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



112.9570, -38.4328, 7.0537



100.4830, 37.2299, -88.1236



121.2730, 9.7254, 54.1346

Complementary

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



112.9570, -38.4328, 7.0537



46.0430, 38.4328, -7.0537

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.



123.3150, 25.9737, 22.5257



112.9570, -38.4328, 7.0537



98.2950, 49.1546, -86.2047

Square

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



112.9570, -38.4328, 7.0537



97.5530, 20.9264, -85.5540



116.5520, 39.6609, -27.6711



118.1270, -8.9366, 66.5406

Rectangle

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



112.9570, -38.4328, 7.0537



95.7900, -5.3195, -67.3448



116.5520, 39.6609, -27.6711



122.0100, 15.2781, 46.4722

Sweetspot

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



112.9570, -38.4328, 7.0537



156.2980, -15.4299, 2.3697



63.3720, -13.9874, 53.1708



79.1930, -9.4621, 1.5847



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



112.9570, -38.4328, 7.0537



143.6590, -59.9779, 10.8231



99.8010, -31.9469, -19.9965



60.3160, -2.6208, 0.5999



109.5540, -54.0101, 10.0381



220.8800, -108.8938, 20.2762

Inverse Universe

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



46.0430, 38.4328, -7.0537



39.3410, 59.9779, -10.8231



59.1990, 31.9469, 19.9965



55.6840, 2.6208, -0.5999



15.4460, 54.0101, -10.0381



31.4190, 108.7464, -19.6615

Previews

White Background



This preview shows how the YUV color 112.9570, -38.4328, 7.0537 looks on a white 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

Black Background



This preview shows how the YUV color 112.9570, -38.4328, 7.0537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

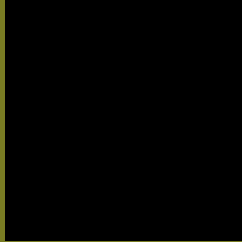
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.9570, -38.4328, 7.0537

Background



This preview shows how black text looks on a background with the YUV color 112.9570, -38.4328, 7.0537.



This preview shows how white text looks on a background with the YUV color 112.9570, -38.4328, 7.0537.

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

112.9570, -38.4328, 7.0537

Protanopia

114.3820, -39.6283, 17.2050

Deuteranopia

115.3280, -37.6297, 29.5303



Tritanopia

120.9130, 2.0149, 7.0923

Trichromacy



Original Color

112.9570, -38.4328, 7.0537

Protanomaly

113.4740, -39.1807, 13.6163

Deuteranomaly

114.5720, -37.7500, 21.4234

Tritanomaly

118.0150, -12.8254, 7.0028

Monochromacy



Original Color

112.9570, -38.4328, 7.0537

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0530, -13.8301, 2.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9570, -38.4328, 7.0537 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(121, 124, 35)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 35)  
}
```

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(121, 124, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 35) }
```

Border

The CSS property to change the border of an element to YUV 112.9570, -38.4328, 7.0537 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(121, 124, 35) }
```


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

```
.border{ border-color:rgb(121, 124, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 124, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 124, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 124, 35);  
box-shadow:4px 4px 4px 4px rgb(121, 124,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 112.9570, -38.4328, 7.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 35) }
```

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

```
.background{ background-color: rgb(121,  
124, 35) }
```

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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