

Converting Colors

YUV(97.0930, -7.9338, -22.0066)

Have a look what the booklet for
YUV(97.0930, -7.9338, -22.0066)
contains.

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Color

**YUV(97.0930, -7.9338,
-22.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	487151
RGB	72, 113, 81
RGB Percent	28%, 44%, 32%
CMY	0.7176, 0.5569, 0.6824
CMYK	0.36, 0.00, 0.28, 0.56
HSL	133°, 22%, 36%
HSV	133°, 36%, 44%
XYZ	10.0628, 13.7821, 9.9144
YIQ	97.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

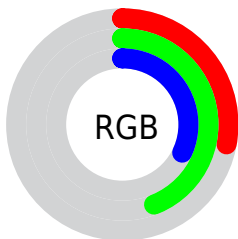
Format	Color
R_{YB}	72, 106, 113
Decimal	4747601
CIE _{Lab}	43.92, -21.73, 13.33
CIE _{LCh}	44, 25.497, 148.477
Yxy	13.7821, 0.2981, 0.4082
Android (android.graphics.Color)	4282937681 (0xFF487151)
YUV	97.0930, -7.9338, -22.0066
Hunter-Lab	37.1242, -16.5834, 10.1529

Details

The YUV color **97.0930, -7.9338, -22.0066** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **87.9070, 7.9338, 22.0066**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1530, -8.9494, -22.9362**, and **49.7340, -6.7709, -21.6917** is the 20% darker color. If you saturate the color by 10%, you get **92.7780, -10.2436, -27.8693**, and if you desaturate by 10%, it is **101.4080, -5.6241, -16.1438**.

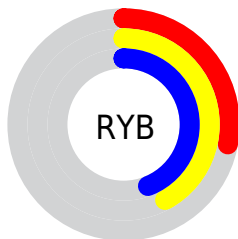
Distribution



Red (28%)

Green (44%)

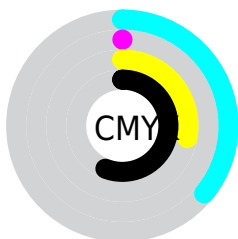
Blue (32%)



Red (28%)

Yellow (42%)

Blue (44%)

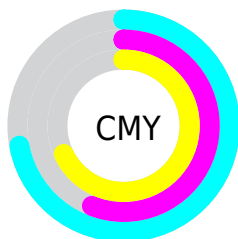


Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0930, -7.9338, -22.0066 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 97.0930, -7.9338, -22.0066 by changing the saturation by 10% instead.

■ 97.0930, -7.9338,
-22.0066

■ 97.0930, -7.9338,
-22.0066

255.0000, 0.0000,
0.0000

■ 72.6200, -7.2077,
-21.5917

■ 148.1530, -8.9494,
-22.9362

■ 49.7340, -6.7709,
-21.6917

■ 174.8540, -8.8020,
-23.5510

■ 26.6630, -5.7499,
-22.5065

■ 202.3270, -9.5282,
-23.9658

■ 12.9140, -6.3666,
-11.3256

■ 230.9140, -9.8176,
-24.4806

■ 0.0000, 0.0000,
0.0000

■ 246.0000, -3.4510,
-13.1550

■ 97.0930, -7.9338,
-22.0066

■ 97.0930, -7.9338,
-22.0066

■ 92.7780, -10.2436,
-27.8693

■ 101.4080, -5.6241,
-16.1438

■ 88.1640, -12.4059,
-34.3468

■ 106.0220, -3.4618,
-9.6663

■ 83.9630, -14.2788,
-40.3096

■ 110.2230, -1.5889,
-3.7036

■ 79.6480, -16.5885,
-46.1723

■ 114.5380, 0.7208,
2.1592

■ 75.3330, -18.8982,
-52.0350

■ 119.1520, 2.8831,
8.6367

■ 70.7190, -21.0605,
-58.5126

■ 123.4670, 5.1928,
14.4994

■ 69.1810, -21.7812,
-60.6717

■ 127.7820, 7.5025,
20.3622

■ 132.0970, 9.8122,

26.2249

■ 136.5970, 11.5377,
32.8024

Harmonies

Analogous

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



100.5100, -17.0134, -3.0783



97.0930, -7.9338, -22.0066



92.2890, 4.7875, -42.3495

Triad

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



97.0930, -7.9338, -22.0066



100.3940, 22.4838, -24.9015



105.2880, -10.0020, 34.8274

Complementary

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



97.0930, -7.9338, -22.0066



87.9070, 7.9338, 22.0066

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.



106.4970, -0.2450, 32.0131



97.0930, -7.9338, -22.0066



105.5820, 17.4611, -0.5104

Square

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



97.0930, -7.9338, -22.0066



92.3540, 22.9965, -49.4225



106.6510, 9.5391, 20.4771



104.1810, -17.8372, 27.9053

Rectangle

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



97.0930, -7.9338, -22.0066



88.5030, 13.5560, -54.8151



106.6510, 9.5391, 20.4771



105.3850, -7.0918, 34.7424

Sweetspot

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



97.0930, -7.9338, -22.0066



141.7340, -3.3199, -8.5367



105.6350, -16.5821, -1.4339



70.0980, -2.0203, -5.3479



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



97.0930, -7.9338, -22.0066



122.7510, -12.6952, -34.8616



99.3730, 0.8021, -24.0061



53.7500, -0.8628, -3.2887



73.4040, -23.3702, -64.3753



151.1450, -47.8925, -132.5542

Inverse Universe

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



87.9070, 7.9338, 22.0066



108.2490, 12.6952, 34.8616



85.6270, -0.8021, 24.0061



52.3640, 1.2995, 3.1888



46.5960, 23.3702, 64.3753



95.8550, 47.8925, 132.5542

Previews

White Background



This preview shows how the YUV color 97.0930, -7.9338, -22.0066 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 97.0930, -7.9338, -22.0066 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 97.0930, -7.9338, -22.0066

Background



This preview shows how black text looks on a background with the YUV color 97.0930, -7.9338, -22.0066.



This preview shows how white text looks on a background with the YUV color 97.0930, -7.9338,

-22.0066.

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

97.0930, -7.9338, -22.0066

Protanopia

102.4280, -12.5360, 7.5176

Deuteranopia

103.5690, -9.6475, 14.4100



Tritanopia

100.3550, 8.2060, -18.7283

Trichromacy



Original Color

97.0930, -7.9338, -22.0066

Protanomaly

100.7040, -11.1931, -3.2484

Deuteranomaly

101.3070, -9.0254, 1.4848

Tritanomaly

99.1500, 2.3911, -20.3025

Monochromacy



Original Color

97.0930, -7.9338, -22.0066

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1470, -3.0305, -8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0930, -7.9338, -22.0066 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(72, 113, 81)` looks like.

```
.text, #text, p{  
    color:rgb(72, 113, 81)  
}
```

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(72, 113, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 113, 81) }
```

Border

The CSS property to change the border of an element to YUV 97.0930, -7.9338, -22.0066 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(72, 113, 81) }
```


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

```
.border{ border-color:rgb(72, 113, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 113, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 113, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 113, 81);  
box-shadow:4px 4px 4px 4px rgb(72, 113,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 97.0930, -7.9338, -22.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 113, 81) }
```

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

```
.background{ background-color: rgb(72, 113,  
81) }
```

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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