

Converting Colors

YUV(104.2070, -7.4971,
-22.1065)

Have a look what the booklet for
YUV(104.2070, -7.4971, -22.1065)
contains.

YUV(104.2070, -7.4971, -22.1065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.2070, -7.4971,
-22.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7859
RGB	79, 120, 89
RGB Percent	31%, 47%, 35%
CMY	0.6902, 0.5294, 0.6510
CMYK	0.34, 0.00, 0.26, 0.53
HSL	135°, 21%, 39%
HSV	135°, 34%, 47%
XYZ	11.7441, 15.8165, 11.8851
YIQ	104.2070, -14.4850, -18.3330

Conversions

Conversions Part 2

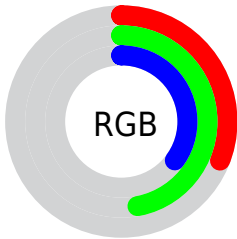
Format	Color
RYB	79, 112, 120
Decimal	5208153
CIELab	46.73, -21.36, 12.58
CIElCh	47, 24.791, 149.512
Yxy	15.8165, 0.2977, 0.4010
Android (android.graphics.Color)	4283398233 (0xFF4F7859)
YUV	104.2070, -7.4971, -22.1065
Hunter-Lab	39.7699, -16.8862, 10.1204

Details

The YUV color **104.2070, -7.4971, -22.1065** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **94.7930, 7.4971, 22.1065**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2670, -8.5126, -23.0362**, and **55.8480, -6.3341, -21.7917** is the 20% darker color. If you saturate the color by 10%, you get **99.5930, -9.6593, -28.5841**, and if you desaturate by 10%, it is **108.8210, -5.3348, -15.6290**.

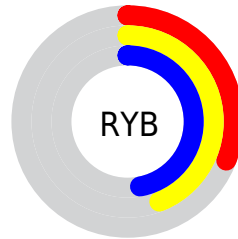
Distribution



Red (31%)

Green (47%)

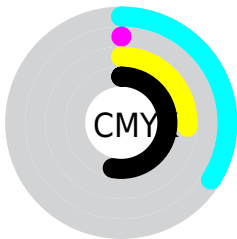
Blue (35%)



Red (31%)

Yellow (44%)

Blue (47%)

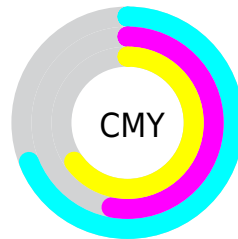


Cyan (34%)

Magenta (0%)

Yellow (26%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2070, -7.4971, -22.1065 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 104.2070, -7.4971, -22.1065 by changing the saturation by 10% instead.

■ 104.2070, -7.4971,
-22.1065

■ 104.2070, -7.4971,
-22.1065

■ 255.0000, 0.0000,
0.0000

■ 79.7340, -6.7709,
-21.6917

■ 156.2670, -8.5126,
-23.0362

■ 55.8480, -6.3341,
-21.7917

■ 182.8540, -8.8020,
-23.5510

■ 32.7770, -5.3131,
-22.6064

■ 210.5550, -8.6546,
-24.1657

■ 17.0230, -8.3923,
-14.9292

■ 237.9680, -8.3652,
-23.6509

■ 0.0000, 0.0000,
0.0000

■ 249.8310, -0.4097,
-8.6218

■ 104.2070, -7.4971,
-22.1065

■ 104.2070, -7.4971,
-22.1065

■ 99.5930, -9.6593,
-28.5841

■ 108.8210, -5.3348,
-15.6290

■ 94.9790, -11.8216,
-35.0616

■ 113.4350, -3.1725,
-9.1515

■ 90.3650, -13.9839,
-41.5391

■ 118.0490, -1.0102,
-2.6740

■ 85.7510, -16.1462,
-48.0166

■ 122.6630, 1.1521,
3.8035

■ 81.1370, -18.3085,
-54.4941

■ 127.2770, 3.3144,
10.2811

■ 76.5230, -20.4708,
-60.9717

■ 131.8910, 5.4767,
16.7586

■ 73.7460, -22.0598,
-64.6752

■ 136.6190, 8.0758,
23.1361

■ 141.2330, 10.2381,

29.6137

■ 145.8470, 12.4004,
36.0912

Harmonies

Analogous

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



107.3250, -16.4292, -3.7930



104.2070, -7.4971, -22.1065



100.3000, 4.7821, -40.6051

Triad

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



104.2070, -7.4971, -22.1065



108.1770, 21.6047, -22.9572



112.4620, -10.5808, 33.7978

Complementary

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



104.2070, -7.4971, -22.1065



94.7930, 7.4971, 22.1065

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.



113.3830, -0.6818, 32.1131



104.2070, -7.4971, -22.1065



112.7670, 16.8769, 0.2043

Square

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



104.2070, -7.4971, -22.1065



100.8600, 22.2540, -44.6042



114.1240, 8.8129, 20.0623



110.9960, -17.2530, 27.1905

Rectangle

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



104.2070, -7.4971, -22.1065



97.7100, 12.9610, -50.6117



114.1240, 8.8129, 20.0623



112.3850, -7.0918, 34.7424

Sweetspot

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



104.2070, -7.4971, -22.1065



149.8480, -2.8831, -8.6367



112.3360, -16.4346, -2.0487



75.5110, -1.7309, -4.8331



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.



104.2070, -7.4971, -22.1065



131.2780, -11.9691, -34.4468



106.4870, 1.2389, -24.1061



58.7500, -0.8627, -3.2887



76.7950, -23.0699, -67.3492



154.9920, -45.8451, -135.9280

Inverse Universe

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



94.7930, 7.4971, 22.1065



116.6080, 11.5323, 34.5468



92.5130, -1.2389, 24.1061



57.3640, 1.2995, 3.1888



48.0910, 22.6331, 67.4492



97.1220, 46.2819, 135.8280

Previews

White Background



This preview shows how the YUV color 104.2070, -7.4971, -22.1065 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 104.2070, -7.4971, -22.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

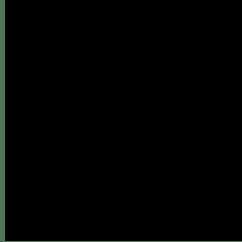
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2070, -7.4971, -22.1065

Background



This preview shows how black text looks on a background with the YUV color 104.2070, -7.4971, -22.1065.



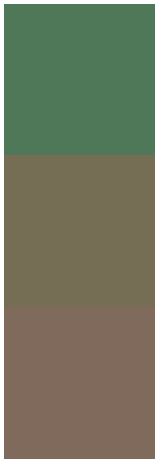
This preview shows how white text looks on a background with the YUV color 104.2070, -7.4971, -22.1065.

-22.1065.

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

104.2070, -7.4971, -22.1065

Protanopia

109.4280, -12.5360, 7.5176

Deuteranopia

110.6830, -9.2107, 14.3100



Tritanopia

107.4690, 8.6428, -18.8283

Trichromacy



Original Color

104.2070, -7.4971, -22.1065

Protanomaly

107.8180, -10.7563, -3.3484

Deuteranomaly

108.4210, -8.5886, 1.3848

Tritanomaly

106.2640, 2.8278, -20.4025

Monochromacy



Original Color

104.2070, -7.4971, -22.1065

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2610, -2.5937, -8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2070, -7.4971, -22.1065 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(79, 120, 89)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 89)  
}
```

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(79, 120, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 89) }
```

Border

The CSS property to change the border of an element to YUV 104.2070, -7.4971, -22.1065 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(79, 120, 89) }
```


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

```
.border{ border-color:rgb(79, 120, 89) }
```

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

Here you see how a box with a 4 pixel rgb(79, 120, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 89);  
box-shadow:4px 4px 4px 4px rgb(79, 120,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 104.2070, -7.4971, -22.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 89) }
```

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

```
.background{ background-color: rgb(79, 120,  
89) }
```

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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