

Converting Colors

YUV(29.7210, 3.0955, -12.9103)

Have a look what the booklet for
YUV(29.7210, 3.0955, -12.9103)
contains.

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Color

**YUV(29.7210, 3.0955,
-12.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2424
RGB	15, 36, 36
RGB Percent	6%, 14%, 14%
CMY	0.9412, 0.8588, 0.8588
CMYK	0.58, 0.00, 0.00, 0.86
HSL	180°, 41%, 10%
HSV	180°, 58%, 14%
XYZ	1.1463, 1.4907, 1.8964
YIQ	29.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

Format	Color
RYB	15, 26, 36
Decimal	992292
CIELab	12.55, -8.39, -2.62
CIELCh	13, 8.791, 197.343
Yxy	1.4907, 0.2529, 0.3288
Android (android.graphics.Color)	4279182372 (0xFF0F2424)
YUV	29.7210, 3.0955, -12.9103
Hunter-Lab	12.2094, -4.6073, -0.6625

Details

The YUV color **29.7210, 3.0955, -12.9103** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21.2790, -3.0955, 12.9103**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3080, 2.8062, -13.4251**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.5250, 3.6852, -15.3694**, and if you desaturate by 10%, it is **30.9170, 2.5059, -10.4512**.

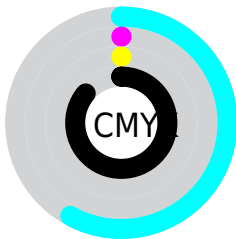
Distribution



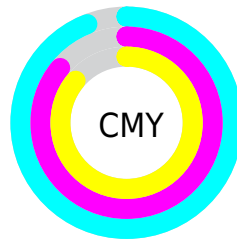
- Red (6%)
- Green (14%)
- Blue (14%)



- Red (6%)
- Yellow (10%)
- Blue (14%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (86%)



- Cyan (94%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.7210, 3.0955, -12.9103 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 29.7210, 3.0955, -12.9103 by changing the saturation by 10% instead.

■ 29.7210, 3.0955,
-12.9103

■ 29.7210, 3.0955,
-12.9103

■ 251.1130, 1.9163,
-7.9921

■ 10.5150, 2.2111,
-9.2217

■ 74.3080, 2.8062,
-13.4251

■ 0.0000, 0.0000,
0.0000

■ 98.0090, 2.9536,
-14.0399

■ 123.1230, 3.3904,
-14.1399

■ 148.8240, 3.5378,
-14.7546

■ 175.4110, 3.2484,
-15.2694

■ 202.5250, 3.6852,

-15.3694

■ 231.1120, 3.3958,
-15.8842

■ 29.7210, 3.0955,
-12.9103

■ 29.7210, 3.0955,
-12.9103

■ 28.5250, 3.6852,
-15.3694

■ 30.9170, 2.5059,
-10.4512

■ 27.6280, 4.1274,
-17.2138

■ 31.8140, 2.0637,
-8.6069

■ 26.4320, 4.7170,
-19.6729

■ 33.0100, 1.4741,
-6.1478

■ 25.5350, 5.1592,
-21.5172

■ 33.9070, 1.0318,
-4.3034

■ 25.2360, 5.3067,
-22.1320

■ 35.1030, 0.4422,
-1.8443

■ 36.2990, -0.1474,
0.6148

■ 37.1960, -0.5896,
2.4591

■ 38.3920, -1.1793,
4.9182

■ 39.2890, -1.6215,
6.7625

Harmonies

Analogous

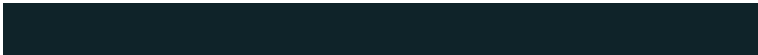
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.5320, -0.2623, -9.2366



29.7210, 3.0955, -12.9103



29.7040, 5.5689, -12.8954

Triad

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



29.7210, 3.0955, -12.9103



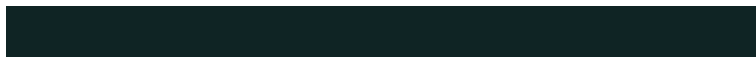
33.6460, 3.6255, 3.8185



32.2520, -5.5472, 5.9180

Complementary

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



29.7210, 3.0955, -12.9103



21.2790, -3.0955, 12.9103

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.



32.9150, -4.3951, 9.7215



29.7210, 3.0955, -12.9103



33.2830, 0.8465, 8.5218

Square

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



29.7210, 3.0955, -12.9103



32.7700, 5.5364, -2.4293



33.1970, -2.0691, 10.3512



31.6320, -5.2416, 1.1997

Rectangle

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



29.7210, 3.0955, -12.9103



31.2420, 6.2897, -10.7362



33.1970, -2.0691, 10.3512



32.9640, -5.4053, 7.0476

Sweetspot

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



29.7210, 3.0955, -12.9103



43.6080, 1.1793, -4.9182



27.3270, -6.0772, -10.8108



21.5050, 0.7370, -3.0739



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



29.7210, 3.0955, -12.9103



36.4320, 4.7170, -19.6729



23.2640, 6.2788, -7.2475



17.4020, 0.2948, -1.2296



57.4820, 12.0874, -50.4117



146.5090, 30.8081, -128.4884

Inverse Universe

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



23.6730, 6.0772, 10.8108



27.2160, 9.2605, 16.4736



27.1490, -5.9895, 7.7623



16.8260, 0.5788, 1.0296



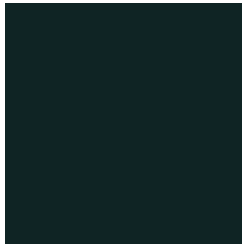
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 29.7210, 3.0955, -12.9103 looks on a white background.

Color Contrast Check

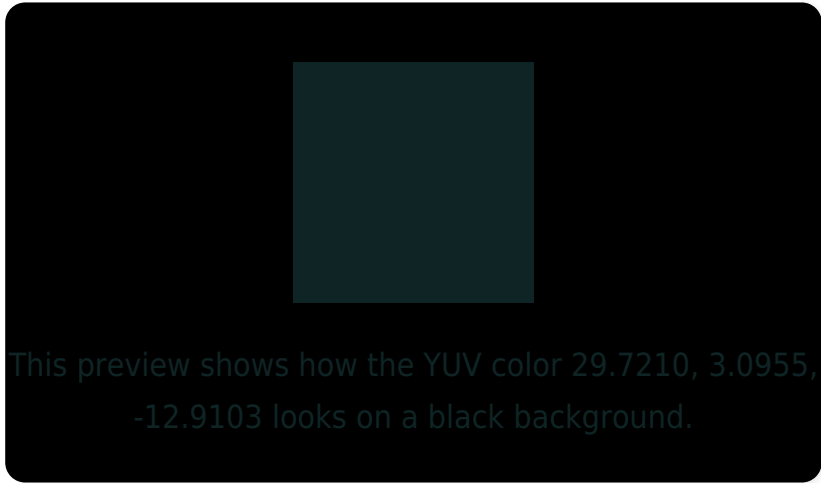
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

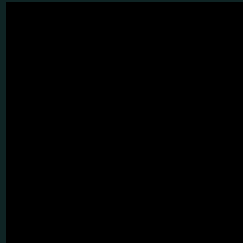
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.7210, 3.0955, -12.9103

Background



This preview shows how black text looks on a background with the YUV color 29.7210, 3.0955, -12.9103.



This preview shows how white text looks on a background with the YUV color 29.7210, 3.0955, -12.9103.

-12.9103.

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

29.7210, 3.0955, -12.9103

Protanopia

33.1140, 0.4368, -0.1000

Deuteranopia

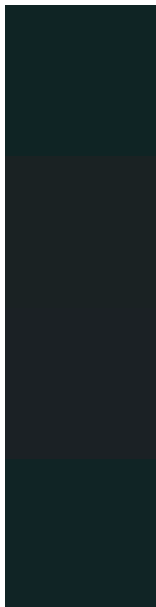
33.1680, 1.8892, 0.7297



Tritanopia

30.2480, 3.8217, -12.4955

Trichromacy



Original Color

29.7210, 3.0955, -12.9103

Protanomaly

31.7220, 1.6161, -5.0182

Deuteranomaly

31.6620, 2.6316, -4.0886

Tritanomaly

30.1340, 3.3849, -12.3955

Monochromacy



Original Color

29.7210, 3.0955, -12.9103

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.7210, 3.0955, -12.9103 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(15, 36, 36)` looks like.

```
.text, #text, p{  
    color:rgb(15, 36, 36)  
}
```

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(15, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 36, 36) }
```

Border

The CSS property to change the border of an element to YUV 29.7210, 3.0955, -12.9103 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(15, 36, 36) }
```


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

```
.border{ border-color:rgb(15, 36, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 36, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(15, 36, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.7210, 3.0955, -12.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 36, 36) }
```

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

```
.background{ background-color: rgb(15, 36,  
36) }
```

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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