

Converting Colors

YUV(16.2790, -3.0955, 12.9103)

Have a look what the booklet for
YUV(16.2790, -3.0955, 12.9103)
contains.

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Color

**YUV(16.2790, -3.0955,
12.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	1F0A0A
RGB	31, 10, 10
RGB Percent	12%, 4%, 4%
CMY	0.8784, 0.9608, 0.9608
CMYK	0.00, 0.68, 0.68, 0.88
HSL	0°, 51%, 8%
HSV	0°, 68%, 12%
XYZ	0.7284, 0.5303, 0.3511
YIQ	16.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

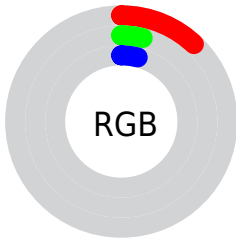
Format	Color
RYB	31, 10, 10
Decimal	2034186
CIELab	4.79, 9.19, 3.24
CIELCh	5, 9.744, 19.400
Yxy	0.5303, 0.4525, 0.3294
Android (android.graphics.Color)	4280224266 (0xFF1F0A0A)
YUV	16.2790, -3.0955, 12.9103
Hunter-Lab	7.2822, 5.1106, 2.2387

Details

The YUV color **16.2790, -3.0955, 12.9103** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.7210, 3.0955, -12.9103**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.9800, -2.9481, 12.2955**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.1760, -3.5378, 14.7546**, and if you desaturate by 10%, it is **18.3820, -2.6533, 11.0660**.

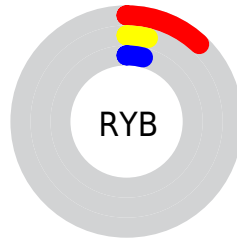
Distribution



Red (12%)

Green (4%)

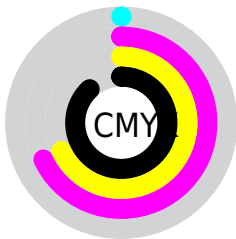
Blue (4%)



Red (12%)

Yellow (4%)

Blue (4%)

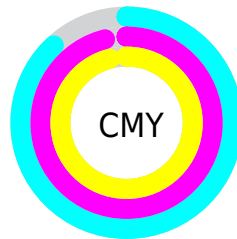


Cyan (0%)

Magenta (68%)

Yellow (68%)

Black (88%)



Cyan (88%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.2790, -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 16.2790, -3.0955, 12.9103 by changing the saturation by 10% instead.

■ 16.2790, -3.0955,
12.9103

■ 16.2790, -3.0955,
12.9103

■ 240.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 59.9800, -2.9481,
12.2955

■ 83.2790, -3.0955,
12.9103

■ 107.5780, -3.2430,
13.5251

■ 132.8770, -3.3904,
14.1399

■ 158.5890, -3.2484,
15.2694

■ 185.7740, -3.8326,

15.9842

■ 213.7740, -3.8326,
15.9842

■ 16.2790, -3.0955,
12.9103

■ 16.2790, -3.0955,
12.9103

■ 14.1760, -3.5378,
14.7546

■ 18.3820, -2.6533,
11.0660

■ 12.0730, -3.9800,
16.5990

■ 20.4850, -2.2111,
9.2217

■ 9.9700, -4.4222,
18.4433

■ 22.5880, -1.7689,
7.3773

■ 9.2690, -4.5696,
19.0581

■ 24.6910, -1.3267,
5.5330

■ 27.4950, -0.7370,
3.0739

■ 29.5980, -0.2948,
1.2296

■ 31.7010, 0.1474,
-0.6148

■ 33.8040, 0.5896,
-2.4591

■ 35.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



16.8210, 1.5672, 10.6810



16.2790, -3.0955, 12.9103



16.0140, -7.8949, 12.2657

Triad

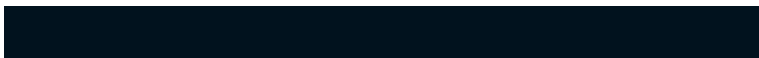
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.2790, -3.0955, 12.9103



13.4630, -5.6513, -7.4221



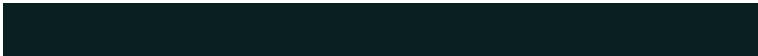
14.2850, 7.7475, -11.6509

Complementary

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



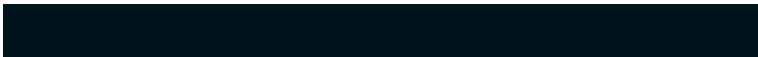
16.2790, -3.0955, 12.9103



24.7210, 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.



14.8180, 6.0057, -12.9954



16.2790, -3.0955, 12.9103



13.6950, -0.8356, -12.0105

Square

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



16.2790, -3.0955, 12.9103



15.6490, -7.7150, 1.1848



14.7210, 3.0955, -12.9103



16.2970, 6.2626, -2.0145

Rectangle

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



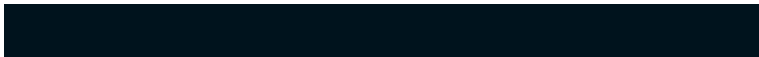
16.2790, -3.0955, 12.9103



16.2910, -8.0315, 9.3918



14.7210, 3.0955, -12.9103



14.4590, 7.1687, -12.6805

Sweetspot

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



16.2790, -3.0955, 12.9103



35.3920, -1.1793, 4.9182



18.6730, 6.0772, 10.8108



17.1960, -0.5896, 2.4591



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



16.2790, -3.0955, 12.9103



17.8670, -4.8644, 20.2876



22.7360, -6.2788, 7.2475



14.2990, -0.1474, 0.6148



23.6210, -11.6452, 48.5674



61.8930, -30.5132, 127.2588

Inverse Universe

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



24.7210, 3.0955, -12.9103



31.1330, 4.8644, -20.2876



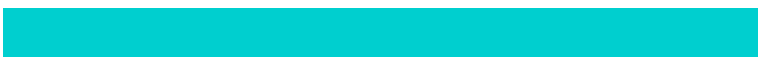
18.8510, 5.9895, -7.7623



14.7010, 0.1474, -0.6148



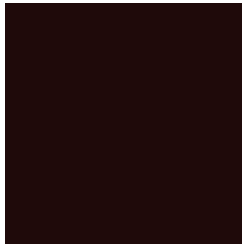
55.3790, 11.6452, -48.5674



145.1070, 30.5132, -127.2588

Previews

White Background



This preview shows how the YUV color 16.2790, -3.0955, 12.9103 looks on a white background.

Color Contrast Check

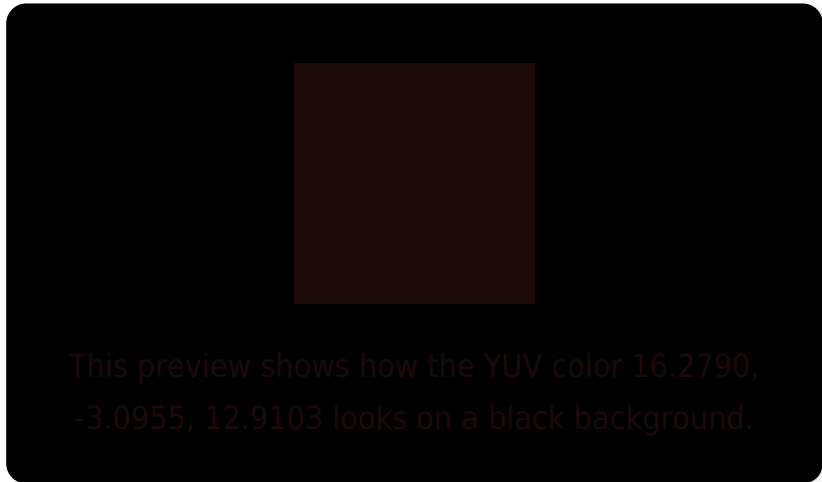
Large Text (above 18pt) WCAG AA ✓ Pass

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

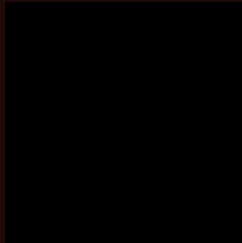
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.2790, -3.0955, 12.9103

Background



This preview shows how black text looks on a background with the YUV color 16.2790, -3.0955, 12.9103.



This preview shows how white text looks on a background with the YUV color 16.2790, -3.0955,

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

16.2790, -3.0955, 12.9103

Protanopia

17.7290, -2.3314, 1.1147

Deuteranopia

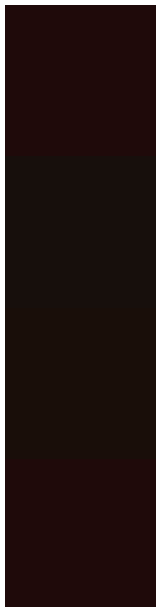
17.5830, -4.2314, 3.8737



Tritanopia

16.2790, -3.0955, 12.9103

Trichromacy



Original Color

16.2790, -3.0955, 12.9103

Protanomaly

17.0500, -2.4896, 5.2182

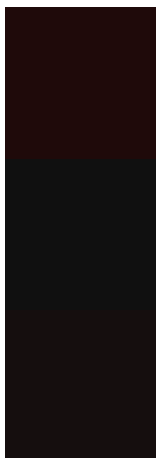
Deuteranomaly

16.7190, -3.8055, 7.2624

Tritanomaly

16.2790, -3.0955, 12.9103

Monochromacy



Original Color

16.2790, -3.0955, 12.9103

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

16.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.2790, -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(31, 10, 10)` looks like.

```
.text, #text, p{  
    color:rgb(31, 10, 10)  
}
```

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(31, 10, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 10, 10) }
```

Border

The CSS property to change the border of an element to YUV 16.2790, -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(31, 10, 10) }
```


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

```
.border{ border-color:rgb(31, 10, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 10, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 10, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 10, 10);  
box-shadow:4px 4px 4px 4px rgb(31, 10, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 16.2790, -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(31, 10, 10) }
```

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

```
.background{ background-color: rgb(31, 10,  
10) }
```

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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