

Converting Colors

YUV(23.7990, -11.7329,
29.9943)

Have a look what the booklet for
YUV(23.7990, -11.7329, 29.9943)
contains.

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Color

**YUV(23.7990, -11.7329,
29.9943)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0B00
RGB	58, 11, 0
RGB Percent	23%, 4%, 0%
CMY	0.7725, 0.9569, 1.0000
CMYK	0.00, 0.81, 1.00, 0.77
HSL	11°, 100%, 11%
HSV	11°, 100%, 23%
XYZ	1.8646, 1.1389, 0.1216
YIQ	23.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

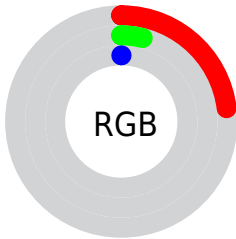
Format	Color
R_{YB}	58, 14, 0
Decimal	3803904
CIE _{Lab}	10.10, 22.36, 15.67
CIE _{LCh}	10, 27.303, 35.032
Yxy	1.1389, 0.5967, 0.3644
Android (android.graphics.Color)	4281993984 (0xFF3A0B00)
YUV	23.7990, -11.7329, 29.9943
Hunter-Lab	10.6719, 12.5119, 6.7950

Details

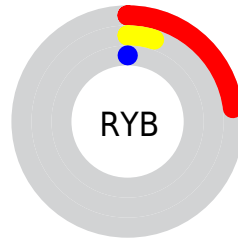
The YUV color **23.7990, -11.7329, 29.9943** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.2010, 11.7329, -29.9943**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9350, -11.3070, 33.3830**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.7990, -11.7329, 29.9943**, and if you desaturate by 10%, it is **27.4180, -10.5591, 26.8204**.

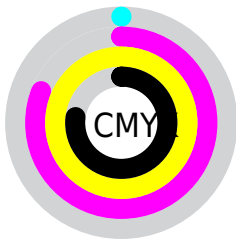
Distribution



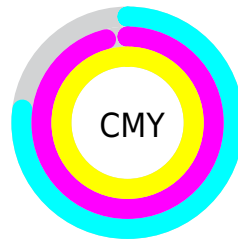
- Red (23%)
- Green (4%)
- Blue (0%)



- Red (23%)
- Yellow (5%)
- Blue (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (100%)
- Black (77%)



- Cyan (77%)
- Magenta (96%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.7990, -11.7329, 29.9943 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 23.7990, -11.7329, 29.9943 by changing the saturation by 10% instead.

■ 23.7990, -11.7329,
29.9943

■ 23.7990, -11.7329,
29.9943

■ 242.3020, -8.0369,
11.1361

■ 10.8780, -4.8699,
22.0320

■ 70.9350, -11.3070,
33.3830

■ 0.0000, 0.0000,
0.0000

■ 95.3050, -12.4754,
34.8125

■ 120.5010,
-13.0650, 37.2716


■ 146.8710,
-14.2334, 38.7011


■ 173.7680,
-14.6756, 40.5455

■ 201.3660,


-14.9704, 41.7750


 222.6740,
-12.1643, 28.3499


 23.7990, -11.7329,
29.9943

 27.4180, -10.5591,
26.8204

 30.4500, -9.0958,
24.1614

 33.9550, -8.3588,
21.0875

 37.5740, -7.1850,
17.9136

 41.1930, -6.0111,
14.7397

■ 44.2250, -4.5479,
12.0807

■ 47.8440, -3.3741,
8.9068

■ 51.3490, -2.6371,
5.8329

■ 54.3810, -1.1738,
3.1739

Harmonies

Analogous

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



24.0130, 0.4866, 30.6836



23.7990, -11.7329, 29.9943



26.6790, -13.1527, 18.6985

Triad

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



23.7990, -11.7329, 29.9943



21.4570, -6.6343, -18.8178



24.4330, 19.9995, -21.4277

Complementary

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



23.7990, -11.7329, 29.9943



34.2010, 11.7329, -29.9943

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.



26.9120, 16.8054, -23.6018



23.7990, -11.7329, 29.9943



25.1390, 2.3965, -22.0469

Square

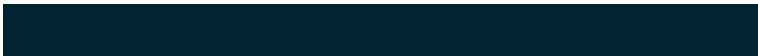
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.7990, -11.7329, 29.9943



22.9700, -11.3242, -7.8667



26.6040, 10.5482, -23.3317



28.2080, 14.6875, 2.4486

Rectangle

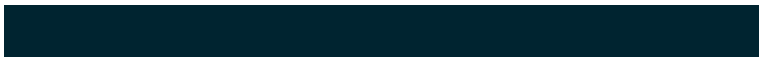
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.7990, -11.7329, 29.9943



26.6240, -13.1256, 9.9768



26.6040, 10.5482, -23.3317



25.6070, 19.4207, -22.4573

Sweetspot

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



23.7990, -11.7329, 29.9943



63.2250, -4.5479, 12.0807



22.7000, 11.9799, 30.9581



29.9470, -2.9319, 7.0625



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



23.7990, -11.7329, 29.9943



31.8280, -15.6912, 39.6158



40.8220, -20.1252, 15.0651



26.4840, -0.7316, 1.3295



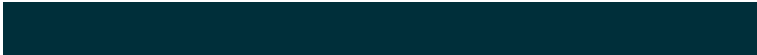
37.4870, -18.4811, 47.8079



90.1350, -44.4366, 113.0146

Inverse Universe

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



34.2010, 11.7329, -29.9943



45.1720, 15.6912, -39.6158



17.1780, 20.1252, -15.0651



27.1030, 0.4422, -1.8443



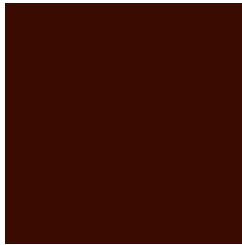
53.9260, 18.7705, -47.2931



129.4520, 44.1472, -113.5294

Previews

White Background



This preview shows how the YUV color 23.7990, -11.7329, 29.9943 looks on a white background.

Color Contrast Check

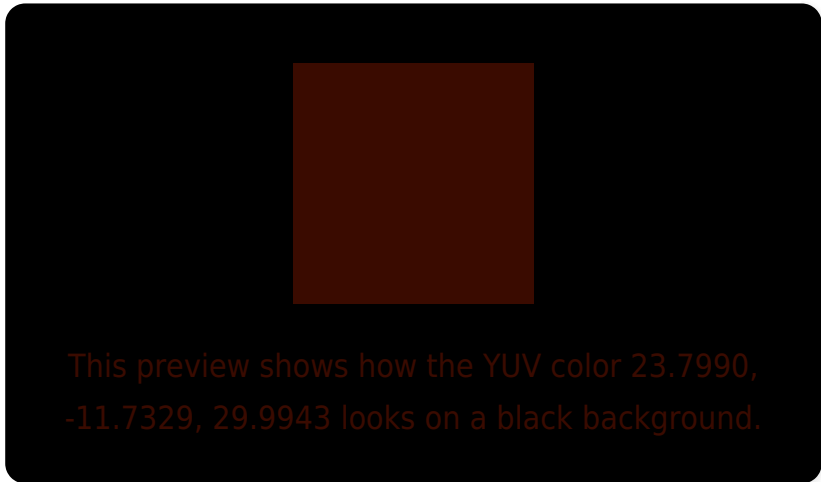
Large Text (above 18pt) WCAG AA ✓ Pass

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

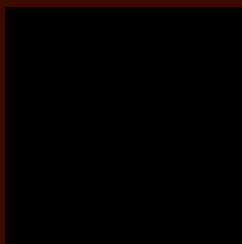
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.7990, -11.7329, 29.9943

Background



This preview shows how black text looks on a background with the YUV color 23.7990, -11.7329, 29.9943.

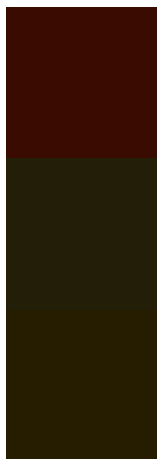


This preview shows how white text looks on a background with the YUV color 23.7990, -11.7329,

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

23.7990, -11.7329, 29.9943

Protanopia

28.5740, -10.6360, 4.7586

Deuteranopia

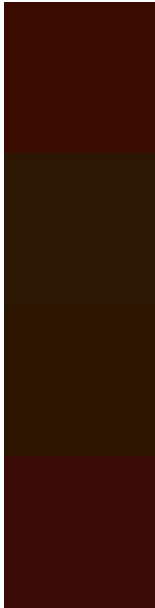
28.3850, -13.9938, 8.4324



Tritanopia

24.3520, -7.0755, 29.5093

Trichromacy



Original Color

23.7990, -11.7329, 29.9943

Protanomaly

26.8140, -11.2473, 14.1951

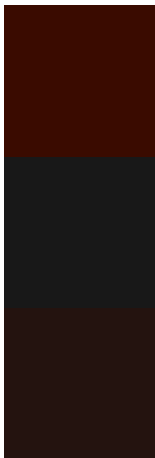
Deuteranomaly

26.3690, -12.9999, 16.3394

Tritanomaly

23.8960, -8.8227, 29.9092

Monochromacy



Original Color

23.7990, -11.7329, 29.9943

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.6270, -4.2531, 10.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.7990, -11.7329, 29.9943 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(58, 11, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 11, 0)  
}
```

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(58, 11, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 11, 0) }
```

Border

The CSS property to change the border of an element to YUV 23.7990, -11.7329, 29.9943 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(58, 11, 0) }
```


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

```
.border{ border-color:rgb(58, 11, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 11, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 11, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 11, 0); box-shadow:4px  
4px 4px 4px rgb(58, 11, 0) }
```

Background

The CSS property to change the background color of an element to YUV 23.7990, -11.7329, 29.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 11, 0) }
```

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

```
.background{ background-color: rgb(58, 11,  
0) }
```

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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