

Converting Colors

YUV(25.5110, -11.5909,
31.1239)

Have a look what the booklet for
YUV(25.5110, -11.5909, 31.1239)
contains.

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Color

**YUV(25.5110, -11.5909,
31.1239)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0C02
RGB	61, 12, 2
RGB Percent	24%, 5%, 1%
CMY	0.7608, 0.9529, 0.9922
CMYK	0.00, 0.80, 0.97, 0.76
HSL	10°, 94%, 12%
HSV	10°, 97%, 24%
XYZ	2.0669, 1.2594, 0.1916
YIQ	25.5110, 32.4140, 7.2780

Conversions

Conversions Part 2

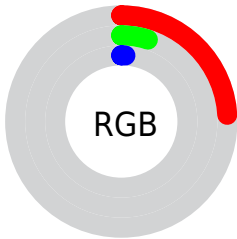
Format	Color
RYB	61, 14, 2
Decimal	4000770
CIELab	10.99, 23.23, 16.21
CIElCh	11, 28.324, 34.900
Yxy	1.2594, 0.5875, 0.3580
Android (android.graphics.Color)	4282190850 (0xFF3D0C02)
YUV	25.5110, -11.5909, 31.1239
Hunter-Lab	11.2224, 13.2361, 6.8435

Details

The YUV color **25.5110, -11.5909, 31.1239** is a dark color, and the websafe version is hex **330000**, and the color name is **black bean**. A complement of this color would be **37.4890, 11.5909, -31.1239**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.5330, -11.6018, 34.6126**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.1090, -11.8857, 32.3534**, and if you desaturate by 10%, it is **29.1300, -10.4171, 27.9500**.

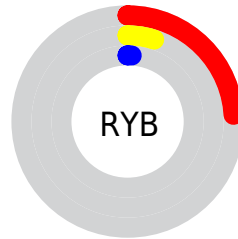
Distribution



Red (24%)

Green (5%)

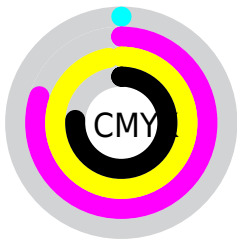
Blue (1%)



Red (24%)

Yellow (5%)

Blue (1%)

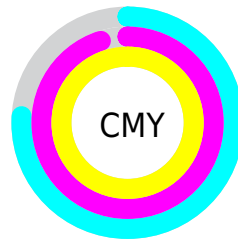


Cyan (0%)

Magenta (80%)

Yellow (97%)

Black (76%)



Cyan (76%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.5110, -11.5909, 31.1239 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 25.5110, -11.5909, 31.1239 by changing the saturation by 10% instead.

■ 25.5110, -11.5909,
31.1239

■ 25.5110, -11.5909,
31.1239

■ 243.5900, -8.1789,
10.0066

■ 11.6610, -5.7489,
23.9763

■ 72.5330, -11.6018,
34.6126

■ 0.0000, 0.0000,
0.0000

■ 97.2020, -12.9176,
36.6568


■ 122.9850,
-13.7966, 38.6012


■ 148.8820,
-14.2388, 40.4455


■ 175.6650,
-15.1178, 42.3898


■ 203.8500,


-15.7020, 43.1046


 223.3750,
-12.0169, 27.7351


 25.5110, -11.5909,
31.1239


 25.5110, -11.5909,
31.1239


 24.1090, -11.8857,
32.3534

 29.1300, -10.4171,
27.9500

 32.7490, -9.2433,
24.7761

 36.3680, -8.0694,
21.6023

 39.9870, -6.8956,
18.4284

 43.7200, -5.2850,
15.1546

■ 47.3390, -4.1111,
11.9807

■ 50.9580, -2.9373,
8.8068

■ 55.1640, -2.0529,
5.1182

■ 58.7830, -0.8790,
1.9443

Harmonies

Analogous

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



25.4370, 0.7706, 32.9428



25.5110, -11.5909, 31.1239



28.1630, -13.8844, 20.0280

Triad

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



25.5110, -11.5909, 31.1239



22.7450, -6.7763, -19.9474



25.9490, 20.7311, -22.7573

Complementary

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



25.5110, -11.5909, 31.1239



37.4890, 11.5909, -31.1239

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.



28.4280, 17.5370, -24.9314



25.5110, -11.5909, 31.1239



25.9540, 2.9807, -22.7617

Square

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



25.5110, -11.5909, 31.1239



24.7420, -12.1978, -7.6667



28.1200, 11.2798, -24.6612



30.3220, 15.1243, 2.3486

Rectangle

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



25.5110, -11.5909, 31.1239



28.1080, -13.8572, 11.3063



28.1200, 11.2798, -24.6612



27.1230, 20.1524, -23.7869

Sweetspot

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



25.5110, -11.5909, 31.1239



65.2250, -4.5479, 12.0807



25.2270, 12.7061, 31.3729



32.3600, -2.6425, 7.5773



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



25.5110, -11.5909, 31.1239



31.2520, -15.4072, 41.8750



42.5340, -19.9833, 16.1947



28.8970, -0.4422, 1.8443



37.4980, -18.4865, 49.5523



88.6840, -43.7212, 116.9181

Inverse Universe

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



37.4890, 11.5909, -31.1239



47.7480, 15.4072, -41.8750



20.4660, 19.9833, -16.1947



29.5160, 0.7316, -1.3295



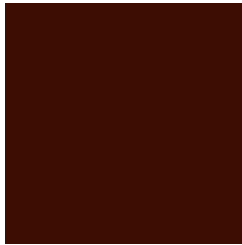
56.5020, 18.4865, -49.5523



133.3160, 43.7212, -116.9181

Previews

White Background



This preview shows how the YUV color 25.5110, -11.5909, 31.1239 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

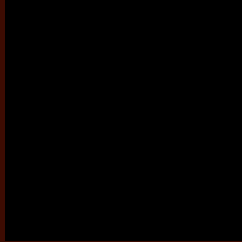
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.5110, -11.5909, 31.1239

Background



This preview shows how black text looks on a background with the YUV color 25.5110, -11.5909, 31.1239.

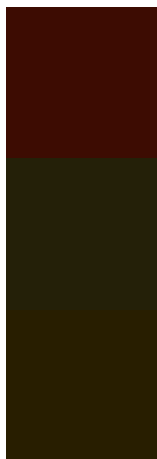


This preview shows how white text looks on a background with the YUV color 25.5110, -11.5909,

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

25.5110, -11.5909, 31.1239

Protanopia

30.4600, -11.0728, 4.8586

Deuteranopia

29.5700, -14.5780, 9.1471



Tritanopia

25.9500, -7.3704, 30.7388

Trichromacy



Original Color

25.5110, -11.5909, 31.1239

Protanomaly

28.8140, -11.2473, 14.1951

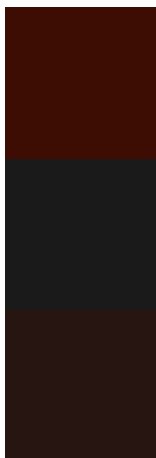
Deuteranomaly

27.9670, -13.2947, 17.5689

Tritanomaly

25.6080, -8.6807, 31.0388

Monochromacy



Original Color

25.5110, -11.5909, 31.1239

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.9260, -4.4005, 11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.5110, -11.5909, 31.1239 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(61, 12, 2)` looks like.

```
.text, #text, p{  
    color:rgb(61, 12, 2)  
}
```

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(61, 12, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 12, 2) }
```

Border

The CSS property to change the border of an element to YUV 25.5110, -11.5909, 31.1239 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(61, 12, 2) }
```


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

```
.border{ border-color:rgb(61, 12, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 12, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 12, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 12, 2); box-shadow:4px  
4px 4px 4px rgb(61, 12, 2) }
```

Background

The CSS property to change the background color of an element to YUV 25.5110, -11.5909, 31.1239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 12, 2) }
```

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

```
.background{ background-color: rgb(61, 12,  
2) }
```

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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