

Converting Colors

YUV(32.8290, -7.3107, 11.5510)

Have a look what the booklet for
YUV(32.8290, -7.3107, 11.5510)
contains.

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Color

**YUV(32.8290, -7.3107,
11.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1D12
RGB	46, 29, 18
RGB Percent	18%, 11%, 7%
CMY	0.8196, 0.8863, 0.9294
CMYK	0.00, 0.37, 0.61, 0.82
HSL	24°, 44%, 13%
HSV	24°, 61%, 18%
XYZ	1.6753, 1.5032, 0.7741
YIQ	32.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

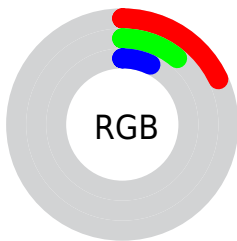
Format	Color
RYB	46, 36, 18
Decimal	3022098
CIELab	12.63, 6.72, 10.70
CIElCh	13, 12.637, 57.861
Yxy	1.5032, 0.4238, 0.3803
Android (android.graphics.Color)	4281212178 (0xFF2E1D12)
YUV	32.8290, -7.3107, 11.5510
Hunter-Lab	12.2607, 2.9335, 4.8390

Details

The YUV color **32.8290, -7.3107, 11.5510** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31.1710, 7.3107, -11.5510**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.4980, -8.6265, 13.5953**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.4980, -8.6265, 13.5953**, and if you desaturate by 10%, it is **35.1600, -5.9949, 9.5067**.

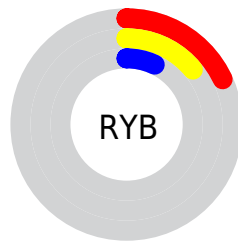
Distribution



Red (18%)

Green (11%)

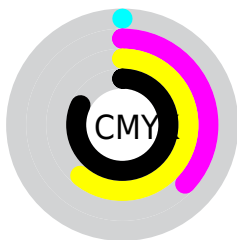
Blue (7%)



Red (18%)

Yellow (14%)

Blue (7%)

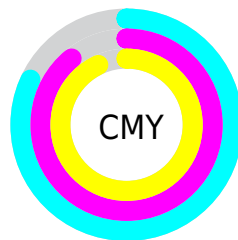


Cyan (0%)

Magenta (37%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.8290, -7.3107, 11.5510 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 32.8290, -7.3107, 11.5510 by changing the saturation by 10% instead.

■ 32.8290, -7.3107,
11.5510

■ 32.8290, -7.3107,
11.5510

■ 253.5180, -5.6784,
1.2997

■ 9.8230, -4.8427,
13.3102

■ 77.4980, -8.6265,
13.5953

■ 0.0000, 0.0000,
0.0000

■ 101.0960, -8.9213,
14.8248

■ 126.3950, -9.0687,
15.4396


■ 152.5800, -9.6529,
16.1543


■ 178.8790, -9.8003,
16.7691


■ 207.0640,


-10.3846, 17.4839


 235.0640,
-10.3846, 17.4839


 32.8290, -7.3107,
11.5510


 32.8290, -7.3107,
11.5510


 30.4980, -8.6265,
13.5953


 35.1600, -5.9949,
9.5067


 28.2810, -9.5055,
15.5396


 37.3770, -5.1159,
7.5624

 26.5370, -11.1107,
17.0691

 39.1210, -3.5107,
6.0329

 24.3200, -11.9898,
19.0134

 41.3380, -2.6316,
4.0886

 43.6690, -1.3158,
2.0443

■ 46.0000, 0.0000,
0.0000

■ 48.2170, 0.8790,
-1.9443

■ 49.9610, 2.4842,
-3.4738

■ 52.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



33.6490, -4.2640, 14.3398



32.8290, -7.3107, 11.5510



32.0410, -8.8942, 6.1030

Triad

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



32.8290, -7.3107, 11.5510



27.7590, 2.0908, -17.3286



33.5360, 7.1308, -0.4701

Complementary

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



32.8290, -7.3107, 11.5510



31.1710, 7.3107, -11.5510

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.



31.3390, 9.1999, -10.8213



32.8290, -7.3107, 11.5510



26.6920, 7.0538, -22.5319

Square

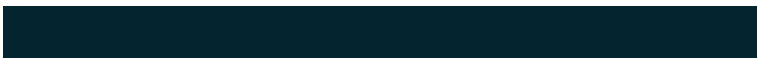
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.8290, -7.3107, 11.5510



30.3210, -3.6093, -9.0515



27.6860, 9.5218, -20.7726



34.0810, 3.9041, 7.8220

Rectangle

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



32.8290, -7.3107, 11.5510



31.5350, -8.1518, 1.2848



27.6860, 9.5218, -20.7726



33.0410, 7.8678, -3.5440

Sweetspot

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



32.8290, -7.3107, 11.5510



53.6370, -2.7790, 4.7034



28.3100, 3.2982, 15.5141



27.8540, -1.9000, 2.7590



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



32.8290, -7.3107, 11.5510



38.8360, -11.2581, 17.6838



41.0470, -11.3622, 4.3438



22.1850, -0.5842, 0.7148



45.9710, -22.6637, 35.9824



113.2940, -55.8539, 88.3192

Inverse Universe

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



31.1710, 7.3107, -11.5510



36.1640, 11.2581, -17.6838



22.9530, 11.3622, -4.3438



21.8150, 0.5842, -0.7148



41.0290, 22.6637, -35.9824



100.7060, 55.8539, -88.3192

Previews

White Background



This preview shows how the YUV color 32.8290, -7.3107, 11.5510 looks on a white background.

Color Contrast Check

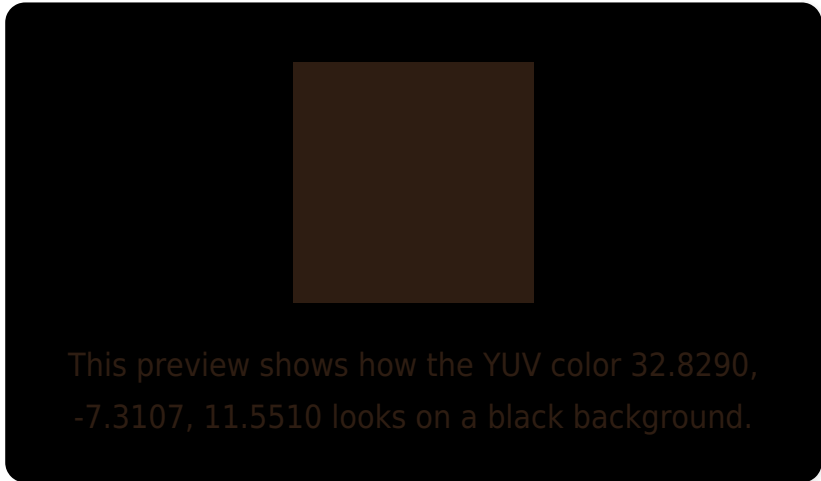
Large Text (above 18pt) WCAG AA ✓ Pass

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

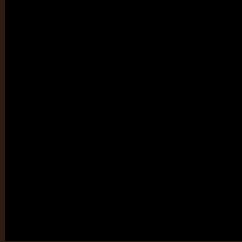
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.8290, -7.3107, 11.5510

Background



This preview shows how black text looks on a background with the YUV color 32.8290, -7.3107, 11.5510.

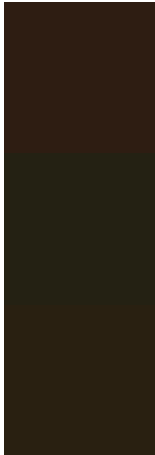


This preview shows how white text looks on a background with the YUV color 32.8290, -7.3107, 11.5510.

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

32.8290, -7.3107, 11.5510

Protanopia

32.3010, -6.5574, 3.2440

Deuteranopia

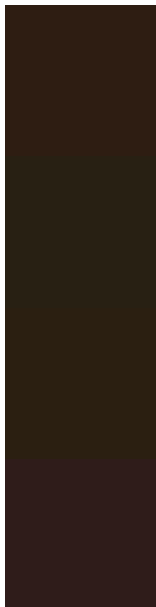
32.9810, -7.8786, 7.0327



Tritanopia

33.9090, -1.9271, 11.4808

Trichromacy



Original Color

32.8290, -7.3107, 11.5510

Protanomaly

32.9100, -6.8576, 6.2179

Deuteranomaly

32.9920, -7.8841, 8.7770

Tritanomaly

33.4530, -3.6743, 11.8807

Monochromacy



Original Color

32.8290, -7.3107, 11.5510

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.8290, -7.3107, 11.5510 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(46, 29, 18)` looks like.

```
.text, #text, p{  
    color:rgb(46, 29, 18)  
}
```

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(46, 29, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 29, 18) }
```

Border

The CSS property to change the border of an element to YUV 32.8290, -7.3107, 11.5510 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(46, 29, 18) }
```


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

```
.border{ border-color:rgb(46, 29, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 29, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 29, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 29, 18);  
box-shadow:4px 4px 4px 4px rgb(46, 29, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.8290, -7.3107, 11.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 29, 18) }
```

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

```
.background{ background-color: rgb(46, 29,  
18) }
```

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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