

Converting Colors

YUV(16.8290, -7.3107, 11.5510)

Have a look what the booklet for
YUV(16.8290, -7.3107, 11.5510)
contains.

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Color

**YUV(16.8290, -7.3107,
11.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	1E0D02
RGB	30, 13, 2
RGB Percent	12%, 5%, 1%
CMY	0.8824, 0.9490, 0.9922
CMYK	0.00, 0.57, 0.93, 0.88
HSL	24°, 88%, 6%
HSV	24°, 93%, 12%
XYZ	0.6903, 0.5682, 0.1307
YIQ	16.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

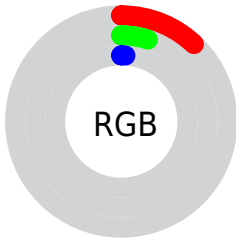
Format	Color
RYB	30, 20, 2
Decimal	1969410
CIELab	5.13, 6.15, 6.98
CIELCh	5, 9.305, 48.605
Yxy	0.5682, 0.4969, 0.4090
Android (android.graphics.Color)	4280159490 (0xFF1E0D02)
YUV	16.8290, -7.3107, 11.5510
Hunter-Lab	7.5382, 3.1539, 4.2485

Details

The YUV color **16.8290, -7.3107, 11.5510** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.1710, 7.3107, -11.5510**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.2850, -5.5635, 11.1511**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.0140, -7.8949, 12.2657**, and if you desaturate by 10%, it is **18.3450, -6.5791, 10.2214**.

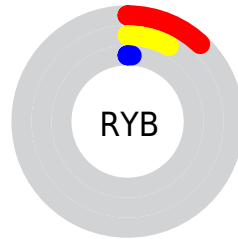
Distribution



Red (12%)

Green (5%)

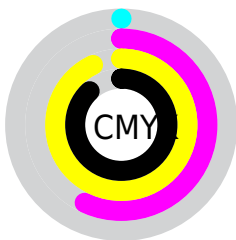
Blue (1%)



Red (12%)

Yellow (8%)

Blue (1%)

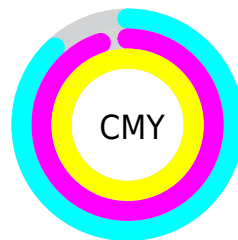


Cyan (0%)

Magenta (57%)

Yellow (93%)

Black (88%)



Cyan (88%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.8290, -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 16.8290, -7.3107, 11.5510 by changing the saturation by 10% instead.

■ 16.8290, -7.3107,
11.5510

■ 16.8290, -7.3107,
11.5510

■ 241.3560, -6.5845,
11.9658

■ 0.0000, 0.0000,
0.0000

■ 60.2850, -5.5635,
11.1511

■ 83.5840, -5.7109,
11.7658

■ 107.7690, -6.2951,
12.4806

■ 133.0680, -6.4425,
13.0954

■ 159.0680, -6.4425,
13.0954

■ 186.2530, -7.0267,

13.8101

■ 213.6660, -6.7373,
14.3249

■ 16.8290, -7.3107,
11.5510

■ 16.8290, -7.3107,
11.5510

■ 16.0140, -7.8949,
12.2657

■ 18.3450, -6.5791,
10.2214

■ 19.8610, -5.8475,
8.8919

■ 20.7900, -4.8265,
8.0772

■ 22.3060, -4.0949,
6.7476

■ 23.8220, -3.3632,
5.4181

■ 25.3380, -2.6316,
4.0886

■ 26.8540, -1.9000,
2.7590

■ 28.3700, -1.1684,
1.4295

■ 29.2990, -0.1474,
0.6148

Harmonies

Analogous

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



17.6810, -2.8007, 11.6808



16.8290, -7.3107, 11.5510



17.1660, -8.4628, 7.7474

Triad

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



16.8290, -7.3107, 11.5510



14.3960, -0.6882, -12.6253



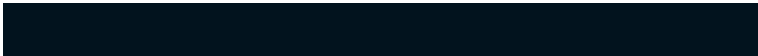
17.1830, 5.8258, -1.9145

Complementary

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



16.8290, -7.3107, 11.5510



15.1710, 7.3107, -11.5510

Split Complementary

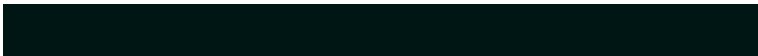
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.4700, 7.1633, -10.9362



16.8290, -7.3107, 11.5510



15.3080, 2.8062, -13.4251

Square

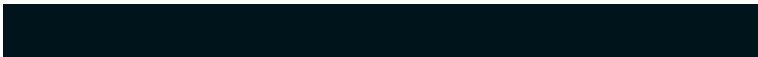
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.8290, -7.3107, 11.5510



14.4740, -5.6567, -5.6777



15.4050, 5.7163, -13.5102



18.3580, 3.7675, 4.9480

Rectangle

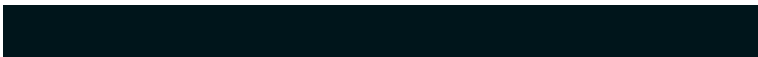
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.8290, -7.3107, 11.5510



16.2580, -8.0152, 4.1587



15.4050, 5.7163, -13.5102



16.6880, 6.5628, -4.9884

Sweetspot

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



16.8290, -7.3107, 11.5510



33.3380, -2.6316, 4.0886



12.3100, 3.2982, 15.5141



16.8540, -1.9000, 2.7590



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.



16.8290, -7.3107, 11.5510



20.1670, -9.9423, 15.6395



25.0470, -11.3622, 4.3438



14.2990, -0.1474, 0.6148



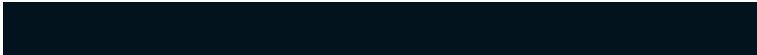
41.8180, -20.6163, 32.6086



109.4400, -53.9539, 85.5601

Inverse Universe

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



15.1710, 7.3107, -11.5510



17.8330, 9.9423, -15.6395



6.9530, 11.3622, -4.3438



14.7010, 0.1474, -0.6148



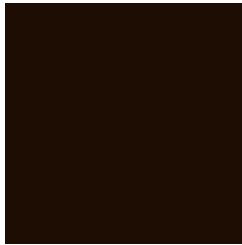
37.1820, 20.6163, -32.6086



96.9730, 54.2433, -85.0453

Previews

White Background



This preview shows how the YUV color 16.8290, -7.3107, 11.5510 looks on a white background.

Color Contrast Check

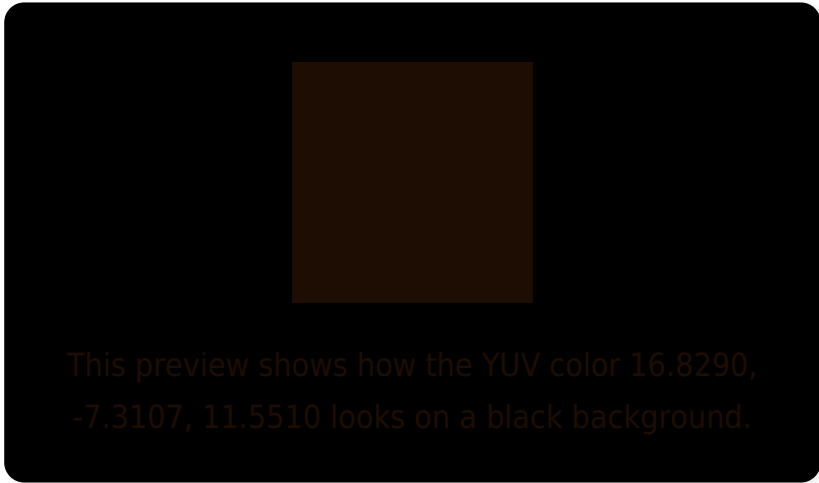
Large Text (above 18pt) WCAG AA ✓ Pass

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

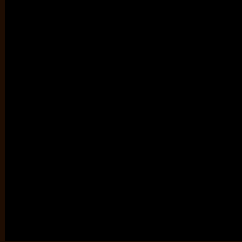
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.8290, -7.3107, 11.5510

Background



This preview shows how black text looks on a background with the YUV color 16.8290, -7.3107, 11.5510.



This preview shows how white text looks on a background with the YUV color 16.8290, -7.3107,

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

16.8290, -7.3107, 11.5510

Protanopia

17.3010, -6.5574, 3.2440

Deuteranopia

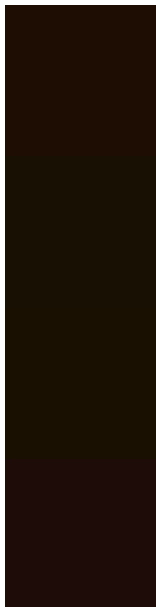
16.8560, -8.3100, 5.3883



Tritanopia

17.4960, -2.2165, 10.9660

Trichromacy



Original Color

16.8290, -7.3107, 11.5510

Protanomaly

16.9100, -6.8576, 6.2179

Deuteranomaly

17.2800, -8.0260, 7.6474

Tritanomaly

17.0400, -3.9637, 11.3659

Monochromacy



Original Color

16.8290, -7.3107, 11.5510

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.8290, -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(30, 13, 2)` looks like.

```
.text, #text, p{  
    color:rgb(30, 13, 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(30, 13, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 13, 2) }
```

Border

The CSS property to change the border of an element to YUV 16.8290, -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(30, 13, 2) }
```


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

```
.border{ border-color:rgb(30, 13, 2) }
```

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

Here you see how a box with a 4 pixel rgb(30, 13, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 13, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 13, 2); box-shadow:4px  
4px 4px 4px rgb(30, 13, 2) }
```

Background

The CSS property to change the background color of an element to YUV 16.8290, -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(30, 13, 2) }
```

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

```
.background{ background-color: rgb(30, 13,  
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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