

Converting Colors

YUV(150.7130, -18.0995,
18.6687)

Have a look what the booklet for
YUV(150.7130, -18.0995, 18.6687)
contains.

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Color

**YUV(150.7130, -18.0995,
18.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9372
RGB	172, 147, 114
RGB Percent	67%, 58%, 45%
CMY	0.3255, 0.4235, 0.5529
CMYK	0.00, 0.15, 0.34, 0.33
HSL	34°, 26%, 56%
HSV	34°, 34%, 67%
XYZ	30.4842, 30.8530, 20.2681
YIQ	150.7130, 25.4930, -4.9630

Conversions

Conversions Part 2

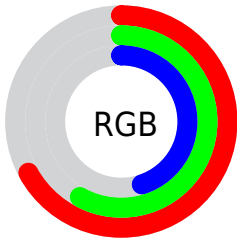
Format	Color
RYB	158, 172, 114
Decimal	11309938
CIELab	62.38, 4.40, 20.95
CIElCh	62, 21.405, 78.151
Yxy	30.8530, 0.3736, 0.3781
Android (android.graphics.Color)	4289500018 (0xFFAC9372)
YUV	150.7130, -18.0995, 18.6687
Hunter-Lab	55.5455, 0.7591, 17.2474

Details

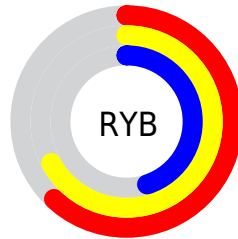
The YUV color **150.7130, -18.0995, 18.6687** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **135.2870, 18.0995, -18.6687**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0830, -19.2679, 20.0982**, and **100.0440, -16.7837, 16.6244** is the 20% darker color. If you saturate the color by 10%, you get **144.6660, -23.4993, 23.9719**, and if you desaturate by 10%, it is **156.7600, -12.6997, 13.3655**.

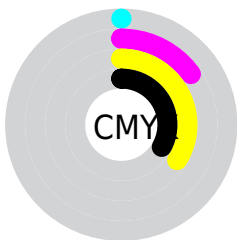
Distribution



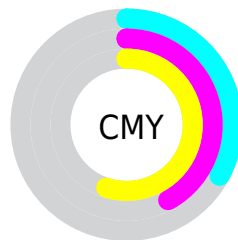
- Red (67%)
- Green (58%)
- Blue (45%)



- Red (62%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7130, -18.0995, 18.6687 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 150.7130, -18.0995, 18.6687 by changing the saturation by 10% instead.

■ 150.7130,
-18.0995, 18.6687

■ 150.7130,
-18.0995, 18.6687

■ 255.0000, 0.0000,
0.0000

■ 124.5280,
-17.5153, 17.9539

■ 205.0830,
-19.2679, 20.0982

■ 100.0440,
-16.7837, 16.6244

■ 232.6700,
-19.5573, 19.5834

■ 75.5600, -16.0521,
15.2949

■ 251.1240,
-14.8511, 3.3993

■ 52.4890, -15.0311,
14.4801

■ 254.4300, -2.1840,
0.4999

■ 30.7770, -15.1731,
13.3506

■ 9.2140, -4.5425,
10.3363

■ 0.0000, 0.0000,

0.0000

■ 150.7130,
-18.0995, 18.6687

■ 150.7130,
-18.0995, 18.6687

■ 144.6660,
-23.4993, 23.9719

■ 156.7600,
-12.6997, 13.3655

■ 138.0320,
-28.6098, 29.7899

■ 163.3940, -7.5892,
7.5475

■ 131.8710,
-34.4464, 35.1931

■ 169.5550, -1.7526,
2.1443

■ 125.2370,
-39.5568, 41.0112

■ 176.1890, 3.3578,
-3.6738

■ 119.1900,
-44.9567, 46.3144

■ 182.2360, 8.7577,
-8.9770

■ 113.1430,
-50.3565, 51.6176

■ 188.2830, 14.1575,
-14.2802

■ 108.9540,
-53.7143, 55.2913

■ 194.9170, 19.2679,
-20.0982

■ 201.0780, 25.1045,
-25.5014

■ 206.1160, 24.0998,
-29.9197

Harmonies

Analogous

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



152.1040, -14.3483, 28.8498



150.7130, -18.0995, 18.6687



148.6680, -16.5983, 3.7992

Triad

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



150.7130, -18.0995, 18.6687



142.8640, 9.4340, -39.3457



153.6500, 11.0185, 12.5849

Complementary

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



150.7130, -18.0995, 18.6687



135.2870, 18.0995, -18.6687

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.



151.8370, 17.3354, -6.8730



150.7130, -18.0995, 18.6687



143.5250, 16.9962, -38.1714

Square

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



150.7130, -18.0995, 18.6687



143.8840, -0.9288, -28.8393



147.5850, 19.4316, -25.9460



154.1480, 2.3920, 26.1802

Rectangle

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



150.7130, -18.0995, 18.6687



147.5140, -13.0714, -7.4668



147.5850, 19.4316, -25.9460



153.0020, 13.8030, 6.1372

Sweetspot

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



150.7130, -18.0995, 18.6687



216.2090, -7.0050, 6.8327



134.1920, 2.3703, 33.1576



106.9960, -3.9420, 4.3885



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



150.7130, -18.0995, 18.6687



191.5480, -27.8782, 28.4604



164.1920, -24.7447, 3.3396



83.6260, -2.7736, 2.9590



95.3320, -46.9987, 47.9438



14.5080, -7.1524, 7.4475

Inverse Universe

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



135.2870, 18.0995, -18.6687



167.4520, 27.8782, -28.4604



121.8080, 24.7447, -3.3396



81.3740, 2.7736, -2.9590



55.2550, 46.7093, -48.4586



8.4920, 7.1524, -7.4475

Previews

White Background



This preview shows how the YUV color 150.7130, -18.0995, 18.6687 looks on a white 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

Black Background



This preview shows how the YUV color 150.7130, -18.0995, 18.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

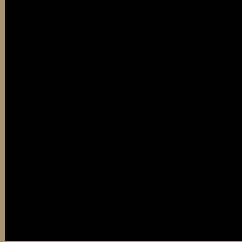
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.7130, -18.0995, 18.6687

Background



This preview shows how black text looks on a background with the YUV color 150.7130, -18.0995, 18.6687.



This preview shows how white text looks on a background with the YUV color 150.7130, -18.0995, 18.6687.

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

150.7130, -18.0995, 18.6687

Protanopia

150.0000, -16.7620, 9.6470

Deuteranopia

151.3330, -18.4052, 23.3870



Tritanopia

153.4200, -0.2071, 19.8027

Trichromacy



Original Color

150.7130, -18.0995, 18.6687

Protanomaly

150.4950, -17.4990, 12.7209

Deuteranomaly

151.3220, -18.3997, 21.6426

Tritanomaly

152.6990, -6.7536, 19.5580

Monochromacy



Original Color

150.7130, -18.0995, 18.6687

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3230, -6.5682, 6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7130, -18.0995, 18.6687 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(172, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(172, 147, 114)  
}
```

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(172, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 114) }
```

Border

The CSS property to change the border of an element to YUV 150.7130, -18.0995, 18.6687 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(172, 147, 114) }
```


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

```
.border{ border-color:rgb(172, 147, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(172, 147,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 150.7130, -18.0995, 18.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 147, 114) }
```

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

```
.background{ background-color: rgb(172,  
147, 114) }
```

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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