

Converting Colors

YUV(146.8930, -21.1462,
15.8798)

Have a look what the booklet for
YUV(146.8930, -21.1462, 15.8798)
contains.

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Color

**YUV(146.8930, -21.1462,
15.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	A59268
RGB	165, 146, 104
RGB Percent	65%, 57%, 41%
CMY	0.3529, 0.4275, 0.5922
CMYK	0.00, 0.12, 0.37, 0.35
HSL	41°, 25%, 53%
HSV	41°, 37%, 65%
XYZ	28.2946, 29.5566, 17.3104
YIQ	146.8930, 24.8060, -9.0340

Conversions

Conversions Part 2

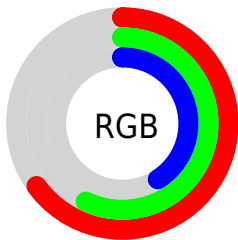
Format	Color
RYB	132, 165, 104
Decimal	10850920
CIELab	61.27, 0.80, 24.88
CIELCh	61, 24.891, 88.167
Yxy	29.5566, 0.3765, 0.3932
Android (android.graphics.Color)	4289041000 (0xFFA59268)
YUV	146.8930, -21.1462, 15.8798
Hunter-Lab	54.3660, -2.2406, 19.1779

Details

The YUV color **146.8930, -21.1462, 15.8798** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122.1070, 21.1462, -15.8798**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2630, -22.3147, 17.3093**, and **96.2240, -19.8304, 13.8356** is the 20% darker color. If you saturate the color by 10%, you get **142.0200, -27.1249, 20.1535**, and if you desaturate by 10%, it is **151.6520, -15.6044, 11.7062**.

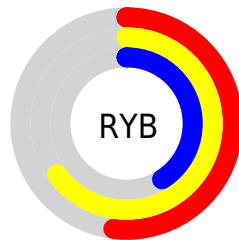
Distribution



Red (65%)

Green (57%)

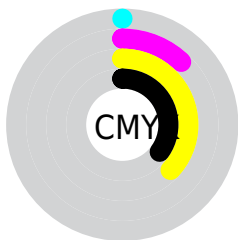
Blue (41%)



Red (52%)

Yellow (65%)

Blue (41%)

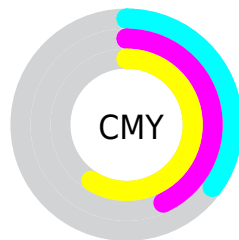


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8930, -21.1462, 15.8798 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 146.8930, -21.1462, 15.8798 by changing the saturation by 10% instead.

■ 146.8930,
-21.1462, 15.8798

■ 146.8930,
-21.1462, 15.8798

255.0000, 0.0000,
0.0000

■ 120.8220,
-20.1252, 15.0651

■ 201.2630,
-22.3147, 17.3093

■ 96.2240, -19.8304,
13.8356

■ 229.4480,
-22.8989, 18.0241

■ 72.1530, -18.8094,
13.0208

■ 249.8700,
-19.6559, 4.4990

■ 49.2560, -18.3672,
11.1765

■ 253.1760, -6.9888,
1.5996

■ 28.9830, -14.2886,
9.6619

■ 5.0390, -2.4842,
3.4738

■ 0.0000, 0.0000,

0.0000

■ 146.8930,
-21.1462, 15.8798

■ 146.8930,
-21.1462, 15.8798

■ 142.0200,
-27.1249, 20.1535

■ 151.6520,
-15.6044, 11.7062

■ 137.2610,
-32.6667, 24.3271

■ 156.5250, -9.6258,
7.4326

■ 132.5020,
-38.2085, 28.5007

■ 161.2840, -4.0840,
3.2589

■ 127.0420,
-43.8977, 33.2892

■ 166.7440, 1.6052,
-1.5295

■ 122.2830,
-49.4395, 37.4628

■ 171.6170, 7.5838,
-5.8031

■ 117.4100,
-55.4181, 41.7364

■ 176.3760, 13.1256,
-9.9768

■ 116.2530,
-57.3127, 42.7511

■ 181.1350, 18.6674,
-14.1504

■ 186.0080, 24.6461,
-18.4240

■ 190.7670, 30.1879,
-22.5977

Harmonies

Analogous

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



148.9640, -18.7163, 29.8496



146.8930, -21.1462, 15.8798



144.6950, -17.5976, -2.3635

Triad

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



146.8930, -21.1462, 15.8798



136.9920, 15.2869, -49.9820



151.6510, 9.5391, 20.4771

Complementary

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



146.8930, -21.1462, 15.8798



122.1070, 21.1462, -15.8798

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.



149.8100, 18.3347, -0.7104



146.8930, -21.1462, 15.8798



139.5720, 22.3960, -43.4746

Square

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



146.8930, -21.1462, 15.8798



138.3710, 3.7611, -39.7904



145.1060, 22.6257, -23.7720



151.3940, -0.6872, 33.8575

Rectangle

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



146.8930, -21.1462, 15.8798



142.3990, -12.0287, -15.2589



145.1060, 22.6257, -23.7720



151.1170, 12.7603, 13.9294

Sweetspot

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



146.8930, -21.1462, 15.8798



207.2690, -8.0206, 5.9031



124.4050, -0.6927, 35.6018



103.0560, -4.9576, 3.4589



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



146.8930, -21.1462, 15.8798



186.2610, -32.6667, 24.3271



154.7570, -25.0232, -0.6639



79.2130, -3.0630, 2.4442



102.0550, -50.3131, 37.6628



12.4260, -6.1260, 4.8884

Inverse Universe

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



122.1070, 21.1462, -15.8798



147.7390, 32.6667, -24.3271



114.2430, 25.0232, 0.6639



75.7870, 3.0630, -2.4442



42.9450, 50.3131, -37.6628



5.5740, 6.1260, -4.8884

Previews

White Background



This preview shows how the YUV color 146.8930, -21.1462, 15.8798 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 146.8930, -21.1462, 15.8798 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 × Fail

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

YUV 146.8930, -21.1462, 15.8798

Background



This preview shows how black text looks on a background with the YUV color 146.8930, -21.1462, 15.8798.



This preview shows how white text looks on a background with the YUV color 146.8930, -21.1462, 15.8798.

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

146.8930, -21.1462, 15.8798

Protanopia

146.6860, -20.5512, 11.6764

Deuteranopia

147.9480, -21.1734, 24.6016



Tritanopia

150.2240, 0.3826, 17.3436

Trichromacy



Original Color

146.8930, -21.1462, 15.8798

Protanomaly

146.6970, -20.5566, 13.4207

Deuteranomaly

147.3390, -20.8731, 21.6277

Tritanomaly

148.8620, -7.3270, 16.7840

Monochromacy



Original Color

146.8930, -21.1462, 15.8798

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2690, -8.0206, 5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8930, -21.1462, 15.8798 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(165, 146, 104)` looks like.

```
.text, #text, p{  
    color:rgb(165, 146, 104)  
}
```

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(165, 146, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 146, 104) }
```

Border

The CSS property to change the border of an element to YUV 146.8930, -21.1462, 15.8798 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(165, 146, 104) }
```


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

```
.border{ border-color:rgb(165, 146, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 146, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 146, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 146, 104);  
box-shadow:4px 4px 4px 4px rgb(165, 146,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 146.8930, -21.1462, 15.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 146, 104) }
```

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

```
.background{ background-color: rgb(165,  
146, 104) }
```

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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