

Converting Colors

YUV(146.2770, -33.6606,
16.4201)

Have a look what the booklet for
YUV(146.2770, -33.6606, 16.4201)
contains.

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Color

**YUV(146.2770, -33.6606,
16.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	A5964E
RGB	165, 150, 78
RGB Percent	65%, 59%, 31%
CMY	0.3529, 0.4118, 0.6941
CMYK	0.00, 0.09, 0.53, 0.35
HSL	50°, 36%, 48%
HSV	50°, 53%, 65%
XYZ	27.7985, 30.3621, 11.6031
YIQ	146.2770, 32.0520, -19.2120

Conversions

Conversions Part 2

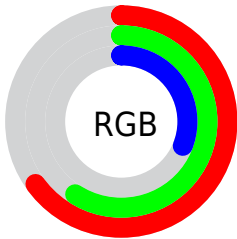
Format	Color
RYB	96, 165, 78
Decimal	10851918
CIELab	61.97, -4.16, 39.60
CIELCh	62, 39.821, 96.003
Yxy	30.3621, 0.3985, 0.4352
Android (android.graphics.Color)	4289041998 (0xFFA5964E)
YUV	146.2770, -33.6606, 16.4201
Hunter-Lab	55.1018, -6.3759, 26.0863

Details

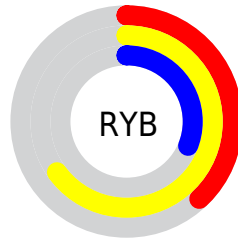
The YUV color **146.2770, -33.6606, 16.4201** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **96.7230, 33.6606, -16.4201**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8320, -35.4132, 18.5643**, and **94.6080, -32.3447, 14.3758** is the 20% darker color. If you saturate the color by 10%, you get **142.6920, -39.7812, 19.5641**, and if you desaturate by 10%, it is **149.8620, -27.5400, 13.2760**.

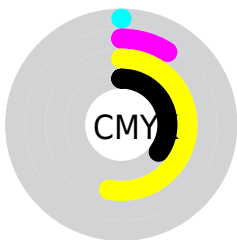
Distribution



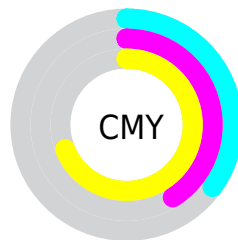
- Red (65%)
- Green (59%)
- Blue (31%)



- Red (38%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2770, -33.6606, 16.4201 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 146.2770, -33.6606, 16.4201 by changing the saturation by 10% instead.

■ 146.2770,
-33.6606, 16.4201

■ 146.2770,
-33.6606, 16.4201

■ 255.0000, 0.0000,
0.0000

■ 120.2060,
-32.6396, 15.6053

■ 200.8320,
-35.4132, 18.5643

■ 94.6080, -32.3447,
14.3758

■ 228.9030,
-36.4342, 19.3791

■ 70.2550, -33.6497,
12.9314

■ 246.7920,
-31.4495, 7.1984

■ 49.3500, -24.3295,
10.2171

■ 249.9840,
-19.2191, 4.3990

■ 29.5480, -14.5672,
5.6584

■ 253.1760, -6.9888,
1.5996

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,

0.0000

■ 146.2770,
-33.6606, 16.4201

■ 146.2770,
-33.6606, 16.4201

■ 142.6920,
-39.7812, 19.5641

■ 149.8620,
-27.5400, 13.2760

■ 138.9930,
-46.3385, 22.8081

■ 153.5610,
-20.9826, 10.0320

■ 135.4080,
-52.4591, 25.9522

■ 157.2600,
-14.4252, 6.7880

■ 132.2960,
-59.3059, 28.6814

■ 160.2580, -8.0152,
4.1587

■ 129.7540,
-63.9687, 30.9107

■ 163.9570, -1.4578,
0.9147

■ 167.5420, 4.6628,
-2.2293

■ 171.2410, 11.2202,
-5.4734

■ 174.8260, 17.3408,
-8.6174

■ 178.5250, 23.8982,
-11.8614

Harmonies

Analogous

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



149.1150, -31.1157, 40.2411



146.2770, -33.6606, 16.4201



142.2670, -25.2746, -13.3892

Triad

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



146.2770, -33.6606, 16.4201



119.6890, 34.6633, -104.9673



154.1680, 12.2422, 40.1947

Complementary

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



146.2770, -33.6606, 16.4201



96.7230, 33.6606, -16.4201

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.



153.3410, 26.4539, 8.4709



146.2770, -33.6606, 16.4201



120.2840, 45.7090, -101.1041

Square

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



146.2770, -33.6606, 16.4201



116.4000, 19.5228, -102.0828



145.7100, 36.6250, -33.9487



152.0270, -3.9573, 56.1043

Rectangle

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



146.2770, -33.6606, 16.4201



137.9960, -14.2950, -35.0765



145.7100, 36.6250, -33.9487



153.8940, 17.8003, 30.7880

Sweetspot

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



146.2770, -33.6606, 16.4201



206.6020, -13.1148, 6.4880



105.8370, -5.8356, 51.8860



102.9590, -7.8678, 3.5440



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.



146.2770, -33.6606, 16.4201



185.1090, -52.3117, 25.3374



146.7100, -33.8740, -8.5157



79.8000, -3.3524, 1.9294



113.7950, -56.1009, 27.3668



14.1870, -6.9942, 3.3440

Inverse Universe

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



96.7230, 33.6606, -16.4201



108.4780, 52.0223, -25.8522



96.2900, 33.8740, 8.5157



75.2000, 3.3524, -1.9294



31.2050, 56.1009, -27.3668



3.8130, 6.9942, -3.3440

Previews

White Background



This preview shows how the YUV color 146.2770, -33.6606, 16.4201 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 146.2770, -33.6606, 16.4201 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 146.2770, -33.6606, 16.4201

Background



This preview shows how black text looks on a background with the YUV color 146.2770, -33.6606, 16.4201.



This preview shows how white text looks on a background with the YUV color 146.2770, -33.6606, 16.4201.

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

146.2770, -33.6606, 16.4201

Protanopia

146.2770, -33.6606, 16.4201

Deuteranopia

148.0770, -33.5620, 31.5045



Tritanopia

152.2240, 0.3826, 17.3436

Trichromacy



Original Color

146.2770, -33.6606, 16.4201

Protanomaly

146.2770, -33.6606, 16.4201

Deuteranomaly

147.6310, -33.8351, 25.7566

Tritanomaly

150.0100, -11.8369, 16.6542

Monochromacy



Original Color

146.2770, -33.6606, 16.4201

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8300, -12.2412, 6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2770, -33.6606, 16.4201 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, 150, 78)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 78)  
}
```

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, 150, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 78) }
```

Border

The CSS property to change the border of an element to YUV 146.2770, -33.6606, 16.4201 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, 150, 78) }
```


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

```
.border{ border-color:rgb(165, 150, 78) }
```

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

Here you see how a box with a 4 pixel rgb(165, 150, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 78);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 146.2770, -33.6606, 16.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 78) }
```

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

```
.background{ background-color: rgb(165,  
150, 78) }
```

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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