

Converting Colors

YUV(146.7760, -30.4556,
15.1054)

Have a look what the booklet for
YUV(146.7760, -30.4556, 15.1054)
contains.

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Color

**YUV(146.7760, -30.4556,
15.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	A49655
RGB	164, 150, 85
RGB Percent	64%, 59%, 33%
CMY	0.3569, 0.4118, 0.6667
CMYK	0.00, 0.09, 0.48, 0.36
HSL	49°, 32%, 49%
HSV	49°, 48%, 64%
XYZ	27.8559, 30.3611, 12.9864
YIQ	146.7760, 29.2090, -17.2470

Conversions

Conversions Part 2

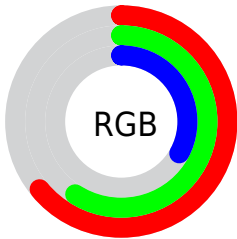
Format	Color
RYB	102, 164, 85
Decimal	10786389
CIELab	61.96, -3.93, 35.97
CIELCh	62, 36.188, 96.240
Yxy	30.3611, 0.3912, 0.4264
Android (android.graphics.Color)	4288976469 (0xFFA49655)
YUV	146.7760, -30.4556, 15.1054
Hunter-Lab	55.1009, -6.1871, 24.5969

Details

The YUV color **146.7760, -30.4556, 15.1054** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **102.2240, 30.4556, -15.1054**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0320, -32.0608, 16.6349**, and **95.2210, -28.7030, 12.9612** is the 20% darker color. If you saturate the color by 10%, you get **143.1910, -36.5762, 18.2495**, and if you desaturate by 10%, it is **150.3610, -24.3350, 11.9614**.

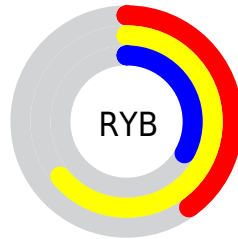
Distribution



Red (64%)

Green (59%)

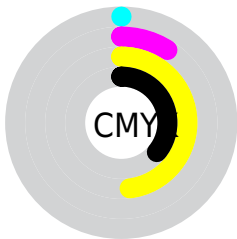
Blue (33%)



Red (40%)

Yellow (64%)

Blue (33%)

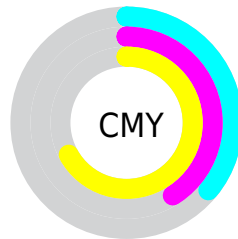


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (36%)



Cyan (36%)

Magenta (41%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7760, -30.4556, 15.1054 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 146.7760, -30.4556, 15.1054 by changing the saturation by 10% instead.

■ 146.7760,
-30.4556, 15.1054

■ 146.7760,
-30.4556, 15.1054

■ 255.0000, 0.0000,
0.0000

■ 120.7050,
-29.4346, 14.2907

■ 201.0320,
-32.0608, 16.6349

■ 95.2210, -28.7030,
12.9612

■ 229.5160,
-32.7924, 17.9645

■ 71.3950, -29.2817,
11.9316

■ 247.5900,
-28.3919, 6.4986

■ 49.0510, -24.1821,
9.6023

■ 250.7820,
-16.1615, 3.6992

■ 29.5480, -14.5672,
5.6584

■ 254.0880, -3.4944,
0.7998

■ 6.1690, -3.0413,
-4.5332

■ 0.0000, 0.0000,

0.0000

■ 146.7760,
-30.4556, 15.1054

■ 146.7760,
-30.4556, 15.1054

■ 143.1910,
-36.5762, 18.2495

■ 150.3610,
-24.3350, 11.9614

■ 139.4920,
-43.1336, 21.4935

■ 154.0600,
-17.7776, 8.7174

■ 135.9070,
-49.2542, 24.6376

■ 157.6450,
-11.6570, 5.5733

■ 132.2080,
-55.8115, 27.8816

■ 161.3440, -5.0996,
2.3293

■ 128.6230,
-61.9321, 31.0256

■ 164.9290, 1.0210,
-0.8147

■ 128.2810,
-63.2425, 31.3256

■ 167.9270, 7.4310,
-3.4440

■ 171.6260, 13.9884,
-6.6880

■ 175.2110, 20.1090,
-9.8320

■ 178.9100, 26.6664,
-13.0761

Harmonies

Analogous

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



149.4890, -28.3421, 37.2821



146.7760, -30.4556, 15.1054



143.2610, -22.8067, -11.6299

Triad

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



146.7760, -30.4556, 15.1054



118.1730, 33.9317, -103.6377



153.5050, 11.0900, 36.3911

Complementary

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



146.7760, -30.4556, 15.1054



102.2240, 30.4556, -15.1054

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.



153.0590, 24.1279, 7.8413



146.7760, -30.4556, 15.1054



132.8810, 37.0337, -71.8096

Square

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



146.7760, -30.4556, 15.1054



127.1750, 14.2107, -78.2065



146.7060, 32.6829, -29.5602



152.2930, -4.0884, 51.4860

Rectangle

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



146.7760, -30.4556, 15.1054



139.6590, -13.1429, -31.2729



146.7060, 32.6829, -29.5602



153.7150, 15.9165, 28.3139

Sweetspot

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



146.7760, -30.4556, 15.1054



207.6450, -11.6570, 5.5733



110.2170, -5.5300, 47.1677



103.1870, -6.9942, 3.3440



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.



146.7760, -30.4556, 15.1054



186.9500, -47.7963, 23.7229



147.5190, -30.8219, -7.4712



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.



102.2240, 30.4556, -15.1054



117.0500, 47.7964, -23.7228



101.4810, 30.8219, 7.4712



75.2000, 3.3524, -1.9294



31.7920, 55.8115, -27.8816



3.8130, 6.9942, -3.3440

Previews

White Background



This preview shows how the YUV color 146.7760, -30.4556, 15.1054 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 146.7760, -30.4556, 15.1054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

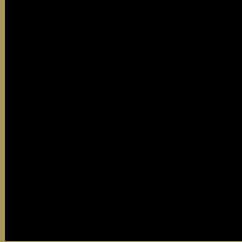
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.7760, -30.4556, 15.1054

Background



This preview shows how black text looks on a background with the YUV color 146.7760, -30.4556, 15.1054.



This preview shows how white text looks on a background with the YUV color 146.7760, -30.4556, 15.1054.

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

146.7760, -30.4556, 15.1054

Protanopia

146.7760, -30.4556, 15.1054

Deuteranopia

148.2770, -30.2096, 29.5751



Tritanopia

151.9250, 0.5300, 16.7288

Trichromacy



Original Color

146.7760, -30.4556, 15.1054

Protanomaly

146.7760, -30.4556, 15.1054

Deuteranomaly

147.8310, -30.4827, 23.8272

Tritanomaly

149.9390, -10.8159, 15.8395

Monochromacy



Original Color

146.7760, -30.4556, 15.1054

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7590, -11.2202, 5.4734

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7760, -30.4556, 15.1054 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(164, 150, 85)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 85)  
}
```

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(164, 150, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 85) }
```

Border

The CSS property to change the border of an element to YUV 146.7760, -30.4556, 15.1054 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(164, 150, 85) }
```


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

```
.border{ border-color:rgb(164, 150, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 85);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 146.7760, -30.4556, 15.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 85) }
```

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

```
.background{ background-color: rgb(164,  
150, 85) }
```

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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