

Converting Colors

YUV(149.0770, -30.1110,
44.6595)

Have a look what the booklet for
YUV(149.0770, -30.1110, 44.6595)
contains.

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Color

**YUV(149.0770, -30.1110,
44.6595)**

Conversions

Conversions Part 1

Format	Color
Hex	C88758
RGB	200, 135, 88
RGB Percent	78%, 53%, 35%
CMY	0.2157, 0.4706, 0.6549
CMYK	0.00, 0.32, 0.56, 0.22
HSL	25°, 50%, 56%
HSV	25°, 56%, 78%
XYZ	34.2448, 30.3119, 13.2784
YIQ	149.0770, 53.8270, -0.8370

Conversions

Conversions Part 2

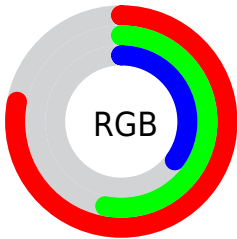
Format	Color
R _Y B	200, 169, 88
Decimal	13141848
CIE Lab	61.92, 19.91, 35.17
CIE LCh	62, 40.415, 60.480
Yxy	30.3119, 0.4400, 0.3894
Android (android.graphics.Color)	4291331928 (0xFFC88758)
YUV	149.0770, -30.1110, 44.6595
Hunter-Lab	55.0562, 14.6782, 24.2399

Details

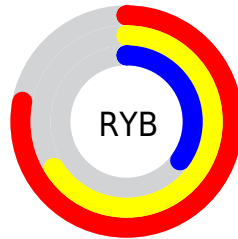
The YUV color **149.0770, -30.1110, 44.6595** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **138.9230, 30.1110, -44.6595**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4470, -31.2794, 46.0890**, and **97.3260, -27.7687, 40.0561** is the 20% darker color. If you saturate the color by 10%, you get **139.7530, -35.3742, 52.8366**, and if you desaturate by 10%, it is **158.4010, -24.8477, 36.4823**.

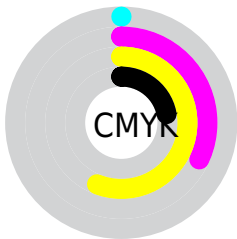
Distribution



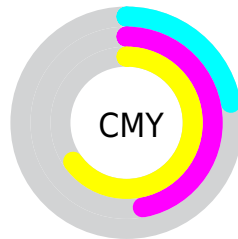
- Red (78%)
- Green (53%)
- Blue (35%)



- Red (78%)
- Yellow (66%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0770, -30.1110, 44.6595 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 149.0770, -30.1110, 44.6595 by changing the saturation by 10% instead.

■ 149.0770,
-30.1110, 44.6595

■ 149.0770,
-30.1110, 44.6595

■ 255.0000, 0.0000,
0.0000

■ 122.9950,
-29.0845, 42.1004

■ 202.4470,
-31.2794, 46.0890

■ 97.3260, -27.7687,
40.0561

■ 221.8470,
-28.0256, 29.0752

■ 72.2440, -26.7423,
37.4970

■ 242.0620,
-24.1876, 11.3466

■ 49.2050, -24.2581,
34.0232

■ 251.1240,
-14.8511, 3.3993

■ 28.8050, -14.2009,
28.2350

■ 254.4300, -2.1840,
0.4999

■ 11.3620, -5.6015,
23.3615

■ 0.0000, 0.0000,

0.0000

■ 149.0770,
-30.1110, 44.6595

■ 149.0770,
-30.1110, 44.6595

■ 139.7530,
-35.3742, 52.8366

■ 158.4010,
-24.8477, 36.4823

■ 131.0160,
-40.9269, 60.4990

■ 167.1380,
-19.2950, 28.8200

■ 121.6920,
-46.1902, 68.6761

■ 176.4620,
-14.0318, 20.6428

■ 112.9550,
-51.7428, 76.3385

■ 185.1990, -8.4791,
12.9805

■ 109.1080,
-53.7902, 79.7123

■ 194.5230, -3.2158,
4.8033

■ 203.8470, 2.0474,
-3.3738

■ 212.5840, 7.6001,
-11.0362

■ 221.9080, 12.8634,
-19.2133

■ 229.1630, 12.7376,
-25.5760

Harmonies

Analogous

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



150.4820, -17.4926, 57.4593



149.0770, -30.1110, 44.6595



146.7830, -34.4030, 21.2383

Triad

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



149.0770, -30.1110, 44.6595



119.1900, 14.6963, -94.0056



151.9810, 29.0964, 0.8937

Complementary

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



149.0770, -30.1110, 44.6595



138.9230, 30.1110, -44.6595

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.



142.8120, 38.5467, -43.6851



149.0770, -30.1110, 44.6595



119.1190, 32.4793, -104.4674

Square

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



149.0770, -30.1110, 44.6595



136.6470, -11.6580, -40.9094



119.1480, 45.2830, -104.4928



153.9440, 15.3106, 36.0061

Rectangle

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



149.0770, -30.1110, 44.6595



144.1720, -31.1438, 2.4802



119.1480, 45.2830, -104.4928



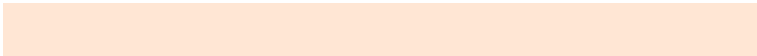
150.2180, 32.9235, -13.3462

Sweetspot

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



149.0770, -30.1110, 44.6595



235.4230, -11.5475, 17.1690



128.8980, 11.8823, 62.3565



116.2310, -7.0159, 10.3214



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.0770, -30.1110, 44.6595



177.3930, -46.0427, 68.0613



181.9490, -46.3169, 15.8307



95.0390, -2.4842, 3.4738



88.6530, -43.7059, 65.2023



19.5690, -9.6475, 14.4100

Inverse Universe

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



138.9230, 30.1110, -44.6595



161.6070, 46.0427, -68.0613



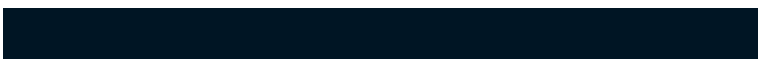
106.0510, 46.3169, -15.8307



93.9610, 2.4842, -3.4738



74.3470, 43.7059, -65.2023



16.4310, 9.6475, -14.4100

Previews

White Background



This preview shows how the YUV color 149.0770, -30.1110, 44.6595 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 149.0770, -30.1110, 44.6595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

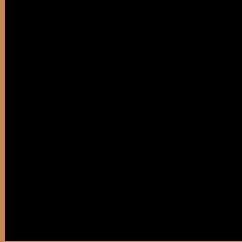
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.0770, -30.1110, 44.6595

Background



This preview shows how black text looks on a background with the YUV color 149.0770, -30.1110, 44.6595.



This preview shows how white text looks on a background with the YUV color 149.0770, -30.1110,

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

149.0770, -30.1110, 44.6595

Protanopia

147.8020, -26.5244, 14.2056

Deuteranopia

148.4620, -30.7938, 30.2898



Tritanopia

152.4510, -7.1243, 45.2085

Trichromacy



Original Color

149.0770, -30.1110, 44.6595

Protanomaly

148.5260, -27.8673, 24.9717

Deuteranomaly

148.6090, -30.3732, 35.4229

Tritanomaly

151.2740, -15.4181, 45.3637

Monochromacy



Original Color

149.0770, -30.1110, 44.6595

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2380, -10.9633, 16.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0770, -30.1110, 44.6595 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(200, 135, 88)` looks like.

```
.text, #text, p{  
    color:rgb(200, 135, 88)  
}
```

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(200, 135, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 135, 88) }
```

Border

The CSS property to change the border of an element to YUV 149.0770, -30.1110, 44.6595 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(200, 135, 88) }
```


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

```
.border{ border-color:rgb(200, 135, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 135, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 135, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 135, 88);  
box-shadow:4px 4px 4px 4px rgb(200, 135,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 149.0770, -30.1110, 44.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 135, 88) }
```

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

```
.background{ background-color: rgb(200,  
135, 88) }
```

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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