

Converting Colors

YUV(149.9800, -29.5701,
57.8995)

Have a look what the booklet for
YUV(149.9800, -29.5701, 57.8995)
contains.

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Color

**YUV(149.9800, -29.5701,
57.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	D8805A
RGB	216, 128, 90
RGB Percent	85%, 50%, 35%
CMY	0.1529, 0.4980, 0.6471
CMYK	0.00, 0.41, 0.58, 0.15
HSL	18°, 62%, 60%
HSV	18°, 58%, 85%
XYZ	37.8835, 30.7755, 13.6164
YIQ	149.9800, 64.6460, 6.8380

Conversions

Conversions Part 2

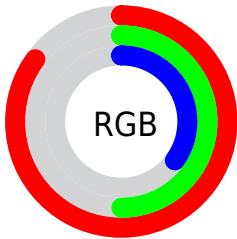
Format	Color
R_{YB}	216, 144, 90
Decimal	14188634
CIE _{Lab}	62.32, 30.39, 35.02
CIE _{LCh}	62, 46.364, 49.045
Yxy	30.7755, 0.4604, 0.3741
Android (android.graphics.Color)	4292378714 (0xFFD8805A)
YUV	149.9800, -29.5701, 57.8995
Hunter-Lab	55.4756, 24.8128, 24.2803

Details

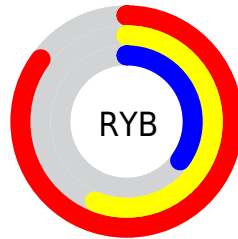
The YUV color **149.9800, -29.5701, 57.8995** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **156.0200, 29.5701, -57.8995**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1530, -28.6694, 48.9778**, and **97.0440, -26.6437, 52.5814** is the 20% darker color. If you saturate the color by 10%, you get **138.6670, -34.8388, 67.8210**, and if you desaturate by 10%, it is **161.2930, -24.3014, 47.9780**.

Distribution



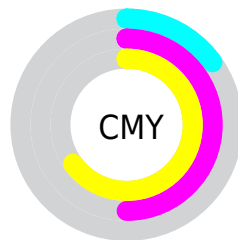
- Red (85%)
- Green (50%)
- Blue (35%)



- Red (85%)
- Yellow (56%)
- Blue (35%)



- Cyan (0%)
- Magenta (41%)
- Yellow (58%)
- Black (15%)



- Cyan (15%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9800, -29.5701, 57.8995 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 149.9800, -29.5701, 57.8995 by changing the saturation by 10% instead.

■ 149.9800,
-29.5701, 57.8995

■ 149.9800,
-29.5701, 57.8995

■ 255.0000, 0.0000,
0.0000

■ 123.0120,
-28.1069, 55.2405

■ 199.1530,
-28.6694, 48.9778

■ 97.0440, -26.6437,
52.5814

■ 218.5530,
-25.4156, 31.9640

■ 71.6630, -25.4699,
49.4075

■ 238.1810,
-21.2882, 14.7503

■ 46.9230, -23.1330,
46.5485

■ 251.3520,
-13.9775, 3.1993

■ 23.8760, -11.7709,
42.2047

■ 254.6580, -1.3104,
0.2999

■ 14.0530, -6.9281,
28.8945

■ 0.0000, 0.0000,

0.0000

■ 149.9800,
-29.5701, 57.8995

■ 149.9800,
-29.5701, 57.8995

■ 138.6670,
-34.8388, 67.8210

■ 161.2930,
-24.3014, 47.9780

■ 127.4680,
-39.6707, 77.6426

■ 172.4920,
-19.4696, 38.1565

■ 116.1550,
-44.9394, 87.5641

■ 183.8050,
-14.2009, 28.2350

■ 104.9560,
-49.7713, 97.3856

■ 195.0040, -9.3690,
18.4135

■ 102.7390,
-50.6503, 99.3299

■ 206.3170, -4.1003,
8.4920

■ 218.2170, 0.8790,
-1.9443

■ 229.4160, 5.7109,
-11.7658

■ 239.8170, 7.4852,
-20.8875

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



151.2150, -12.4310, 67.3404



149.9800, -29.5701, 57.8995



147.9050, -39.3932, 35.1633

Triad

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



149.9800, -29.5701, 57.8995



119.8390, 6.9814, -92.8208



150.2650, 38.3234, -18.6494

Complementary

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



149.9800, -29.5701, 57.8995



156.0200, 29.5701, -57.8995

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.



122.6570, 53.4131, -98.8002



149.9800, -29.5701, 57.8995



120.4410, 27.3906, -105.6268

Square

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



149.9800, -29.5701, 57.8995



138.7700, -21.5786, -32.2473



122.7840, 43.9835, -107.6816



155.5930, 24.3577, 27.5439

Rectangle

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



149.9800, -29.5701, 57.8995



145.4850, -39.1861, 15.3607



122.7840, 43.9835, -107.6816



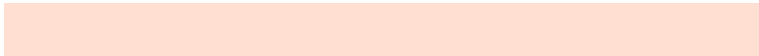
145.8820, 42.4562, -37.6075

Sweetspot

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



149.9800, -29.5701, 57.8995



230.9720, -10.8322, 21.0726



137.7060, 19.8649, 68.6638



112.9540, -6.8793, 13.1953



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.



149.9800, -29.5701, 57.8995



161.3330, -41.5762, 82.1460



186.9610, -47.8018, 25.4672



101.6370, -2.7790, 4.7034



81.6530, -40.2549, 78.3573



20.4880, -10.1006, 19.7430

Inverse Universe

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



156.0200, 29.5701, -57.8995



170.0800, 41.8656, -81.6312



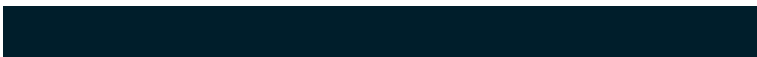
119.0390, 47.8018, -25.4672



101.9500, 2.4897, -5.2181



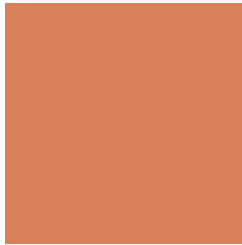
89.3470, 40.2549, -78.3573



22.5120, 10.1006, -19.7430

Previews

White Background



This preview shows how the YUV color 149.9800, -29.5701, 57.8995 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 149.9800, -29.5701, 57.8995 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 149.9800, -29.5701, 57.8995

Background



This preview shows how black text looks on a background with the YUV color 149.9800, -29.5701, 57.8995.



This preview shows how white text looks on a background with the YUV color 149.9800, -29.5701, 57.8995.

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

149.9800, -29.5701, 57.8995

Protanopia

148.9590, -24.6298, 13.1910

Deuteranopia

149.4620, -30.7938, 30.2898



Tritanopia

152.7300, -10.2199, 58.1188

Trichromacy



Original Color

149.9800, -29.5701, 57.8995

Protanomaly

149.6020, -26.4258, 29.2900

Deuteranomaly

149.6420, -30.3895, 40.6560

Tritanomaly

151.8950, -17.2032, 57.9741

Monochromacy



Original Color

149.9800, -29.5701, 57.8995

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9720, -10.8322, 21.0726

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9800, -29.5701, 57.8995 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(216, 128, 90)` looks like.

```
.text, #text, p{  
    color:rgb(216, 128, 90)  
}
```

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(216, 128, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 128, 90) }
```

Border

The CSS property to change the border of an element to YUV 149.9800, -29.5701, 57.8995 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(216, 128, 90) }
```


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

```
.border{ border-color:rgb(216, 128, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 128, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 128, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 128, 90);  
box-shadow:4px 4px 4px 4px rgb(216, 128,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 149.9800, -29.5701, 57.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 128, 90) }
```

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

```
.background{ background-color: rgb(216,  
128, 90) }
```

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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