

Converting Colors

YUV(99.7280, -30.9249,
25.6715)

Have a look what the booklet for
YUV(99.7280, -30.9249, 25.6715)
contains.

YUV(99.7280, -30.9249, 25.6715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.7280, -30.9249,
25.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	816125
RGB	129, 97, 37
RGB Percent	51%, 38%, 15%
CMY	0.4941, 0.6196, 0.8549
CMYK	0.00, 0.25, 0.71, 0.49
HSL	39°, 55%, 33%
HSV	39°, 71%, 51%
XYZ	13.6619, 13.3501, 3.6070
YIQ	99.7280, 38.3320, -11.8760

Conversions

Conversions Part 2

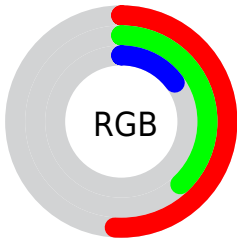
Format	Color
R_{YB}	86, 129, 37
Decimal	8479013
CIE Lab	43.29, 6.37, 37.98
CIE LCh	43, 38.515, 80.477
Yxy	13.3501, 0.4462, 0.4360
Android (android.graphics.Color)	4286669093 (0xFF816125)
YUV	99.7280, -30.9249, 25.6715
Hunter-Lab	36.5378, 2.8021, 19.7233

Details

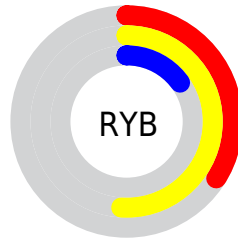
The YUV color **99.7280, -30.9249, 25.6715** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **66.2720, 30.9249, -25.6715**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2940, -32.6829, 29.5602**, and **52.6610, -25.9619, 20.4683** is the 20% darker color. If you saturate the color by 10%, you get **95.8980, -35.4457, 29.0305**, and if you desaturate by 10%, it is **103.5580, -26.4041, 22.3126**.

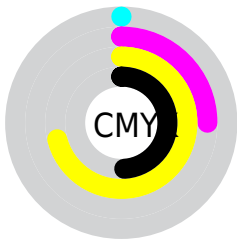
Distribution



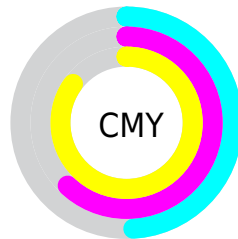
- Red (51%)
- Green (38%)
- Blue (15%)



- Red (34%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (71%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7280, -30.9249, 25.6715 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 99.7280, -30.9249, 25.6715 by changing the saturation by 10% instead.

■ 99.7280, -30.9249,
25.6715

■ 99.7280, -30.9249,
25.6715

255.0000, 0.0000,
0.0000

■ 74.7170, -30.9195,
23.9272

■ 151.2940,
-32.6829, 29.5602

■ 52.6610, -25.9619,
20.4683

■ 178.3650,
-33.7039, 30.3749

■ 32.8590, -16.1995,
15.9097

■ 206.1480,
-34.5830, 32.3192

■ 11.5950, -5.7163,
13.5102

■ 229.2500,
-32.6613, 22.5828

■ 0.0000, 0.0000,
0.0000

■ 247.5900,
-28.3919, 6.4986

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

99.7280, -30.9249,
25.6715

99.7280, -30.9249,
25.6715

95.8980, -35.4457,
29.0305

103.5580,
-26.4041, 22.3126

91.4810, -39.6771,
32.9042

107.9750,
-22.1727, 18.4389

87.8790, -43.3243,
36.0631

111.8050,
-17.6519, 15.0800

116.2220,
-13.4204, 11.2063

120.0520, -8.8996,
7.8474

■ 124.3550, -5.1050,
4.0737

■ 128.1850, -0.5842,
0.7148

■ 132.6020, 3.6472,
-3.1590

■ 136.4320, 8.1680,
-6.5179

Harmonies

Analogous

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



101.2000, -23.2696, 43.6746



99.7280, -30.9249, 25.6715



96.8560, -28.5230, 1.8803

Triad

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



99.7280, -30.9249, 25.6715



83.4020, 20.0148, -73.1436



105.3660, 18.5536, 22.4810

Complementary

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



99.7280, -30.9249, 25.6715



66.2720, 30.9249, -25.6715

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.



102.0070, 29.5765, -13.1611



99.7280, -30.9249, 25.6715



84.7190, 32.6765, -74.2986

Square

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



99.7280, -30.9249, 25.6715



79.6400, 5.6005, -69.8443



82.7930, 40.5281, -72.6095



104.2520, 4.8058, 45.3830

Rectangle

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



99.7280, -30.9249, 25.6715



94.0970, -20.7538, -16.7481



82.7930, 40.5281, -72.6095



105.0380, 22.6593, 12.2447

Sweetspot

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



99.7280, -30.9249, 25.6715



156.9660, -11.8152, 9.6768



68.1560, 0.4161, 53.3602



77.4970, -7.1470, 5.7031



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



99.7280, -30.9249, 25.6715



122.2340, -48.4294, 40.1368



114.3260, -38.1217, 0.5911



62.0280, -2.4788, 1.7294



86.9930, -42.8875, 35.9631



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.2720, 30.9249, -25.6715



69.7660, 48.4294, -40.1368



51.6740, 38.1217, -0.5911



59.5590, 2.1894, -2.2442



40.4200, 43.1769, -35.4483



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 99.7280, -30.9249, 25.6715 looks on a white 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

Black Background



This preview shows how the YUV color 99.7280, -30.9249, 25.6715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

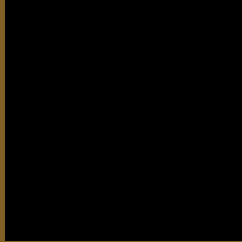
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7280, -30.9249, 25.6715

Background



This preview shows how black text looks on a background with the YUV color 99.7280, -30.9249, 25.6715.



This preview shows how white text looks on a background with the YUV color 99.7280, -30.9249,

25.6715.

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

99.7280, -30.9249, 25.6715

Protanopia

98.9930, -29.5765, 13.1611

Deuteranopia

99.4290, -30.7775, 25.0568



Tritanopia

104.3560, -3.1335, 25.1208

Trichromacy



Original Color

99.7280, -30.9249, 25.6715

Protanomaly

99.2000, -30.1716, 17.3646

Deuteranomaly

99.4290, -30.7775, 25.0568

Tritanomaly

102.7230, -13.1744, 25.6759

Monochromacy



Original Color

99.7280, -30.9249, 25.6715

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7280, -30.9249, 25.6715 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(129, 97, 37)` looks like.

```
.text, #text, p{  
    color:rgb(129, 97, 37)  
}
```

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(129, 97, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 97, 37) }
```

Border

The CSS property to change the border of an element to YUV 99.7280, -30.9249, 25.6715 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(129, 97, 37) }
```


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

```
.border{ border-color:rgb(129, 97, 37) }
```

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

Here you see how a box with a 4 pixel rgb(129, 97, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 97, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 97, 37);  
box-shadow:4px 4px 4px 4px rgb(129, 97,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 99.7280, -30.9249, 25.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 97, 37) }
```

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

```
.background{ background-color: rgb(129, 97,  
37) }
```

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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