

Converting Colors

YUV(123.7280, -30.9249,
25.6715)

Have a look what the booklet for
YUV(123.7280, -30.9249, 25.6715)
contains.

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Color

**YUV(123.7280, -30.9249,
25.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	99793D
RGB	153, 121, 61
RGB Percent	60%, 47%, 24%
CMY	0.4000, 0.5255, 0.7608
CMYK	0.00, 0.21, 0.60, 0.40
HSL	39°, 43%, 42%
HSV	39°, 60%, 60%
XYZ	20.8165, 20.7840, 7.3294
YIQ	123.7280, 38.3320, -11.8760

Conversions

Conversions Part 2

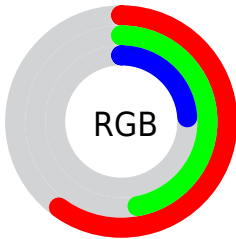
Format	Color
RYB	110, 153, 61
Decimal	10058045
CIELab	52.71, 5.22, 37.11
CIELCh	53, 37.476, 82.001
Yxy	20.7840, 0.4254, 0.4248
Android (android.graphics.Color)	4288248125 (0xFF99793D)
YUV	123.7280, -30.9249, 25.6715
Hunter-Lab	45.5894, 1.7232, 22.3805

Details

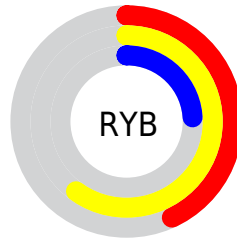
The YUV color **123.7280, -30.9249, 25.6715** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **90.2720, 30.9249, -25.6715**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8810, -32.9723, 29.0454**, and **73.9340, -30.0405, 21.9829** is the 20% darker color. If you saturate the color by 10%, you get **119.0830, -36.0299, 29.7452**, and if you desaturate by 10%, it is **128.3730, -25.8199, 21.5979**.

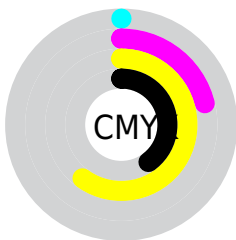
Distribution



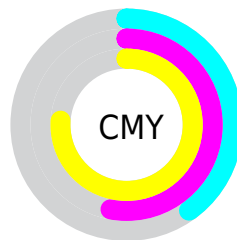
- Red (60%)
- Green (47%)
- Blue (24%)



- Red (43%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7280, -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 123.7280, -30.9249, 25.6715 by changing the saturation by 10% instead.

■ 123.7280,
-30.9249, 25.6715

■ 123.7280,
-30.9249, 25.6715

■ 255.0000, 0.0000,
0.0000

■ 98.2440, -30.1933,
24.3420

■ 176.8810,
-32.9723, 29.0454

■ 73.9340, -30.0405,
21.9829

■ 204.3650,
-33.7039, 30.3749

■ 51.4760, -25.3777,
19.7535

■ 228.6630,
-32.3719, 23.0975

■ 31.9620, -15.7573,
14.0653

■ 247.5900,
-28.3919, 6.4986

■ 9.8120, -4.8373,
11.5659

■ 250.7820,
-16.1615, 3.6992

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 123.7280,
-30.9249, 25.6715

■ 123.7280,
-30.9249, 25.6715

■ 119.0830,
-36.0299, 29.7452

■ 128.3730,
-25.8199, 21.5979

■ 113.7370,
-41.2823, 34.4337

■ 133.7190,
-20.5675, 16.9094

■ 109.0920,
-46.3874, 38.5073

■ 138.3640,
-15.4625, 12.8358

■ 104.4470,
-51.4924, 42.5810

■ 143.0090,
-10.3574, 8.7621

■ 148.3550, -5.1050,
4.0737

■ 153.0000, 0.0000,
0.0000

■ 157.6450, 5.1050,
-4.0737

■ 162.8770, 9.9206,
-8.6621

■ 167.6360, 15.4625,
-12.8358

Harmonies

Analogous

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



125.2710, -24.2906, 44.4893



123.7280, -30.9249, 25.6715



120.6710, -27.9388, 1.1655

Triad

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



123.7280, -30.9249, 25.6715



100.3400, 23.9894, -87.9982



129.2630, 18.1113, 24.3253

Complementary

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



123.7280, -30.9249, 25.6715



90.2720, 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.



126.5020, 28.8395, -10.0873



123.7280, -30.9249, 25.6715



101.6570, 36.6511, -89.1532

Square

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



123.7280, -30.9249, 25.6715



104.3520, 5.7425, -68.7147



113.9800, 36.9849, -56.1105



128.3230, 3.7848, 46.1977

Rectangle

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



123.7280, -30.9249, 25.6715



117.7980, -20.6064, -17.3628



113.9800, 36.9849, -56.1105



128.9350, 22.2170, 14.0890

Sweetspot

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



123.7280, -30.9249, 25.6715



187.2650, -11.9626, 10.2916



92.1560, 0.4161, 53.3602



92.4970, -7.1470, 5.7031



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



123.7280, -30.9249, 25.6715



153.3480, -47.9926, 40.0368



138.3260, -38.1217, 0.5911



74.3270, -2.6262, 2.3442



95.2770, -46.9716, 39.2221



8.5830, -4.2314, 3.8737

Inverse Universe

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



90.2720, 30.9249, -25.6715



101.6520, 47.9926, -40.0368



75.6740, 38.1217, -0.5911



71.6730, 2.6262, -2.3442



44.7230, 46.9716, -39.2221



3.8300, 4.5208, -3.3589

Previews

White Background



This preview shows how the YUV color 123.7280, -30.9249, 25.6715 looks on a white 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

Black Background



This preview shows how the YUV color 123.7280, -30.9249, 25.6715 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 × Fail

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

YUV 123.7280, -30.9249, 25.6715

Background



This preview shows how black text looks on a background with the YUV color 123.7280, -30.9249, 25.6715.



This preview shows how white text looks on a background with the YUV color 123.7280, -30.9249, 25.6715.

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

123.7280, -30.9249, 25.6715

Protanopia

122.7050, -29.4346, 14.2907

Deuteranopia

123.7390, -30.9303, 27.4159



Tritanopia

128.1820, -2.5547, 26.1504

Trichromacy



Original Color

123.7280, -30.9249, 25.6715

Protanomaly

122.9120, -30.0296, 18.4942

Deuteranomaly

123.4400, -30.7829, 26.8011

Tritanomaly

126.7230, -13.1744, 25.6759

Monochromacy



Original Color

123.7280, -30.9249, 25.6715

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7280, -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(153, 121, 61)` looks like.

```
.text, #text, p{  
    color:rgb(153, 121, 61)  
}
```

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(153, 121, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 121, 61) }
```

Border

The CSS property to change the border of an element to YUV 123.7280, -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(153, 121, 61) }
```


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

```
.border{ border-color:rgb(153, 121, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 121, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 121, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 121, 61);  
box-shadow:4px 4px 4px 4px rgb(153, 121,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 123.7280, -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(153, 121, 61) }
```

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

```
.background{ background-color: rgb(153,  
121, 61) }
```

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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