

Converting Colors

YUV(61.2800, -24.7880,
17.2944)

Have a look what the booklet for
YUV(61.2800, -24.7880, 17.2944)
contains.

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Color

**YUV(61.2800, -24.7880,
17.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	513D0B
RGB	81, 61, 11
RGB Percent	32%, 24%, 4%
CMY	0.6824, 0.7608, 0.9569
CMYK	0.00, 0.25, 0.86, 0.68
HSL	43°, 76%, 18%
HSV	43°, 86%, 32%
XYZ	5.1225, 5.1110, 1.0331
YIQ	61.2800, 27.9700, -11.3100

Conversions

Conversions Part 2

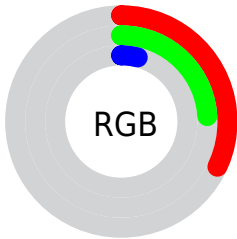
Format	Color
RYB	39, 81, 11
Decimal	5324043
CIELab	27.05, 3.31, 31.88
CIElCh	27, 32.052, 84.072
Yxy	5.1110, 0.4547, 0.4536
Android (android.graphics.Color)	4283514123 (0xFF513D0B)
YUV	61.2800, -24.7880, 17.2944
Hunter-Lab	22.6075, 0.8821, 13.1157

Details

The YUV color **61.2800, -24.7880, 17.2944** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.7200, 24.7880, -17.2944**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6610, -25.9619, 20.4683**, and **20.7210, -10.2155, 9.8917** is the 20% darker color. If you saturate the color by 10%, you get **59.1940, -27.7036, 19.1239**, and if you desaturate by 10%, it is **63.3660, -21.8724, 15.4650**.

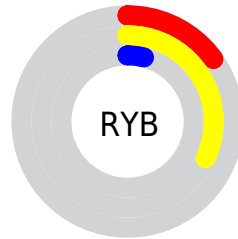
Distribution



Red (32%)

Green (24%)

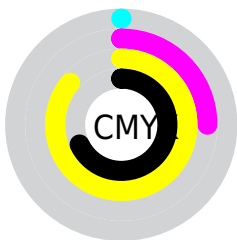
Blue (4%)



Red (15%)

Yellow (32%)

Blue (4%)

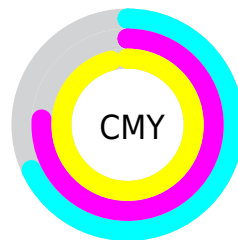


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2800, -24.7880, 17.2944 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 61.2800, -24.7880, 17.2944 by changing the saturation by 10% instead.

61.2800, -24.7880,
17.2944

61.2800, -24.7880,
17.2944

253.4040, -6.1152,
1.3997

39.9360, -19.6884,
14.9651

109.6610,
-25.9619, 20.4683

20.7210, -10.2155,
9.8917

135.1450,
-26.6935, 21.7978

0.0000, 0.0000,
0.0000

161.6290,
-27.4251, 23.1274

188.9990,
-28.5935, 24.5569

217.1840,
-29.1777, 25.2716

239.3890,

-26.8138, 13.6908

■ 250.2120,
-18.3455, 4.1991

■ 61.2800, -24.7880,
17.2944

■ 61.2800, -24.7880,
17.2944

■ 59.1940, -27.7036,
19.1239

■ 63.3660, -21.8724,
15.4650

■ 58.2650, -28.7246,
19.9386

■ 66.0390, -19.2462,
13.1208

■ 68.1250, -16.3306,
11.2914

■ 70.2110, -13.4150,
9.4620

■ 72.9980, -10.3520,
7.0178

■ 75.0840, -7.4364,
5.1883

■ 77.1700, -4.5208,
3.3589

■ 79.8430, -1.8946,
1.0147

■ 81.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



62.2740, -18.8691, 32.2087



61.2800, -24.7880, 17.2944



58.9680, -21.6762, -0.8489

Triad

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



61.2800, -24.7880, 17.2944



54.0740, 14.2605, -47.4229



65.9760, 13.3228, 20.1920

Complementary

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



61.2800, -24.7880, 17.2944



30.7200, 24.7880, -17.2944

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.



63.8030, 22.2821, -6.8432



61.2800, -24.7880, 17.2944



54.5930, 23.8647, -47.8781

Square

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



61.2800, -24.7880, 17.2944



50.6370, 3.6300, -44.4086



52.7980, 29.6796, -46.3038



64.3280, 2.7963, 36.5463

Rectangle

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



61.2800, -24.7880, 17.2944



56.7040, -14.6441, -16.4034



52.7980, 29.6796, -46.3038



65.7300, 16.4021, 12.5148

Sweetspot

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



61.2800, -24.7880, 17.2944



97.1120, -9.9152, 6.9178



34.3240, -1.1457, 40.9349



49.1270, -5.9786, 4.2736



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.2800, -24.7880, 17.2944



75.4200, -37.1821, 25.9417



68.8340, -28.5122, -1.6084



39.9570, -1.4578, 0.9147



166.8100, -82.2373, 57.1716

Inverse Universe

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



30.7200, 24.7880, -17.2944



29.5800, 37.1821, -25.9417



23.1660, 28.5122, 1.6084



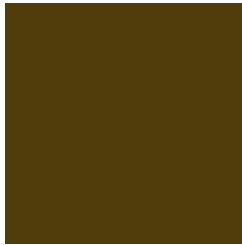
38.0430, 1.4578, -0.9147



65.1900, 82.2373, -57.1716

Previews

White Background



This preview shows how the YUV color 61.2800, -24.7880, 17.2944 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 ✓ Pass

Black Background



This preview shows how the YUV color 61.2800, -24.7880, 17.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

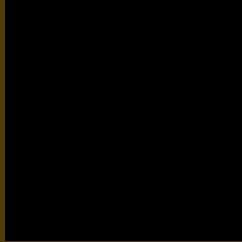
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2800, -24.7880, 17.2944

Background



This preview shows how black text looks on a background with the YUV color 61.2800, -24.7880, 17.2944.



This preview shows how white text looks on a background with the YUV color 61.2800, -24.7880,

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

61.2800, -24.7880, 17.2944

Protanopia

60.4640, -23.8928, 10.1171

Deuteranopia

61.2800, -24.7880, 17.2944



Tritanopia

65.5290, -2.2328, 16.1991

Trichromacy



Original Color

61.2800, -24.7880, 17.2944

Protanomaly

60.7740, -24.0456, 12.4762

Deuteranomaly

61.2800, -24.7880, 17.2944

Tritanomaly

63.7650, -10.2371, 16.8691

Monochromacy



Original Color

61.2800, -24.7880, 17.2944

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2800, -24.7880, 17.2944 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(81, 61, 11)` looks like.

```
.text, #text, p{  
    color:rgb(81, 61, 11)  
}
```

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(81, 61, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 61, 11) }
```

Border

The CSS property to change the border of an element to YUV 61.2800, -24.7880, 17.2944 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(81, 61, 11) }
```

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

```
.border{ border-color:rgb(81, 61, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 61, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 61, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 61, 11);  
box-shadow:4px 4px 4px 4px rgb(81, 61, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2800, -24.7880, 17.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 61, 11) }
```

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

```
.background{ background-color: rgb(81, 61,  
11) }
```

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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