

Converting Colors

YUV(61.7500, -24.5267,
-19.9518)

Have a look what the booklet for
YUV(61.7500, -24.5267, -19.9518)
contains.

YUV(61.7500, -24.5267, -19.9518)	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(61.7500, -24.5267,
-19.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	27530C
RGB	39, 83, 12
RGB Percent	15%, 33%, 5%
CMY	0.8471, 0.6745, 0.9529
CMYK	0.53, 0.00, 0.86, 0.67
HSL	97°, 75%, 19%
HSV	97°, 86%, 33%
XYZ	3.9963, 6.6444, 1.4197
YIQ	61.7500, -3.4330, -31.4090

Conversions

Conversions Part 2

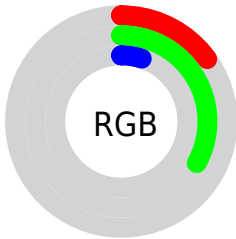
Format	Color
R_YB	12, 83, 56
Decimal	2577164
CIE Lab	30.98, -28.65, 33.93
CIE LCh	31, 44.409, 130.175
Yxy	6.6444, 0.3314, 0.5509
Android (android.graphics.Color)	4280767244 (0xFF27530C)
YUV	61.7500, -24.5267, -19.9518
Hunter-Lab	25.7767, -17.4353, 14.7782

Details

The YUV color **61.7500, -24.5267, -19.9518** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33.2500, 24.5267, 19.9518**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6360, -24.9635, -19.8518**, and **22.3060, -10.9969, -19.5624** is the 20% darker color. If you saturate the color by 10%, you get **59.3430, -27.2841, -22.2258**, and if you desaturate by 10%, it is **64.1570, -21.7694, -17.6777**.

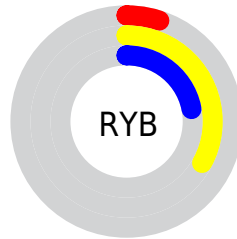
Distribution



Red (15%)

Green (33%)

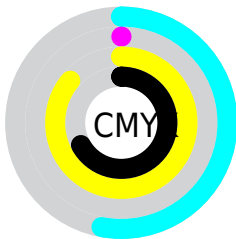
Blue (5%)



Red (5%)

Yellow (33%)

Blue (22%)

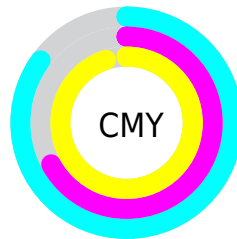


Cyan (53%)

Magenta (0%)

Yellow (86%)

Black (67%)



Cyan (85%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7500, -24.5267, -19.9518 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 61.7500, -24.5267, -19.9518 by changing the saturation by 10% instead.

61.7500, -24.5267,
-19.9518

61.7500, -24.5267,
-19.9518

254.0880, -3.4944,
0.7998

38.8190, -19.1378,
-21.7663

111.6360,
-24.9635, -19.8518

22.3060, -10.9969,
-19.5624

137.4080,
-25.8371, -19.6518

4.1090, -2.0257,
-3.6036

164.1800,
-26.7107, -19.4519

0.0000, 0.0000,
0.0000

191.6530,
-27.4369, -19.8667

220.1260,
-28.1631, -20.2815


238.6200,


-23.9697, -11.9447


 250.4830,
-16.0141, 3.0844


 61.7500, -24.5267,
-19.9518


 61.7500, -24.5267,
-19.9518


 59.3430, -27.2841,
-22.2258


 64.1570, -21.7694,
-17.6777

 58.2890, -28.7365,
-23.0555

 66.6780, -18.5753,
-15.5036

 69.0850, -15.8179,
-13.2295

 71.7910, -13.2080,
-10.3407

 74.1980, -10.4506,
-8.0666

■ 76.7190, -7.2565,
-5.8926

■ 79.1260, -4.4991,
-3.6185

■ 81.5330, -1.7418,
-1.3444

■ 84.0540, 1.4524,
0.8296

Harmonies

Analogous

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



67.3470, -33.2021, 9.3427



61.7500, -24.5267, -19.9518



56.5410, -4.2107, -49.5865

Triad

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



61.7500, -24.5267, -19.9518



64.4530, 36.2587, -56.5253



67.7930, -2.3629, 58.0635

Complementary

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



61.7500, -24.5267, -19.9518



33.2500, 24.5267, 19.9518

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.



71.9020, 12.3733, 44.8129



61.7500, -24.5267, -19.9518



59.0390, 40.8998, -51.7772

Square

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



61.7500, -24.5267, -19.9518



64.9940, 25.6390, -56.9997



75.0210, 25.1326, 12.2596



68.9820, -19.2181, 50.8818

Rectangle

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



61.7500, -24.5267, -19.9518



59.8640, 5.9830, -52.5007



75.0210, 25.1326, 12.2596



68.7480, 2.5892, 56.3490

Sweetspot

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



61.7500, -24.5267, -19.9518



98.7250, -9.7244, -7.6518



59.0570, -23.1991, 20.9980



48.7730, -5.8041, -5.0629



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.



61.7500, -24.5267, -19.9518



75.0680, -37.0085, -29.8776



54.5890, -17.0524, -37.3506



39.6470, -1.3050, -1.4444



73.5950, -36.2823, -29.4628



162.4960, -80.1105, -65.3330

Inverse Universe

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



33.2500, 24.5267, 19.9518



31.9320, 37.0085, 29.8776



40.4110, 17.0524, 37.3506



38.0540, 1.4524, 0.8296



31.4050, 36.2823, 29.4628



69.5040, 80.1105, 65.3330

Previews

White Background



This preview shows how the YUV color 61.7500, -24.5267, -19.9518 looks on a white background.

Color Contrast Check

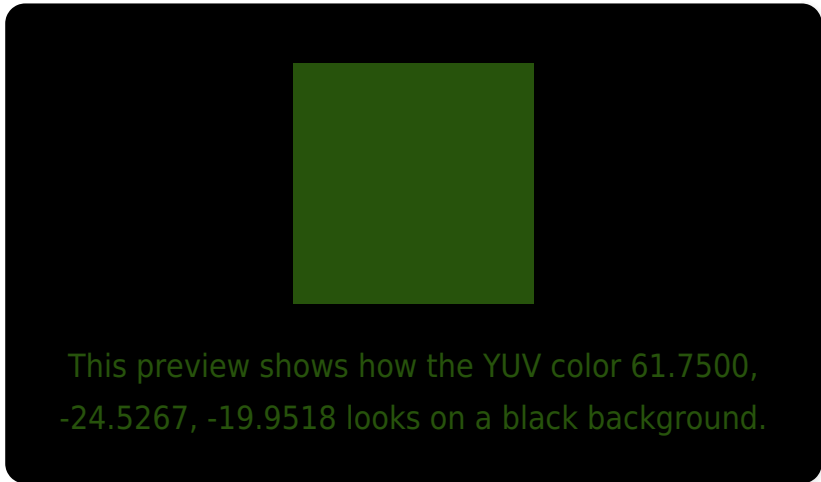
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

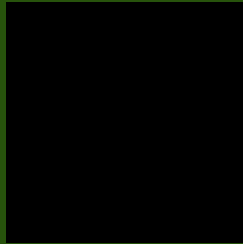
Any Text WCAG AA × Fail

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 61.7500, -24.5267, -19.9518 Background



This preview shows how black text looks on a background with the YUV color 61.7500, -24.5267, -19.9518.



This preview shows how white text looks on a background with the YUV color 61.7500, -24.5267, -19.9518.

-19.9518.

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

61.7500, -24.5267, -19.9518

Protanopia

68.3950, -29.2817, 11.9316

Deuteranopia

69.9920, -24.6461, 18.4240



Tritanopia

69.9100, 6.4534, -16.5841

Trichromacy



Original Color

61.7500, -24.5267, -19.9518

Protanomaly

66.0730, -27.6440, -0.0640

Deuteranomaly

66.9040, -24.6027, 4.4692

Tritanomaly

66.9240, -4.8925, -17.4733

Monochromacy



Original Color

61.7500, -24.5267, -19.9518

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2520, -8.9982, -7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7500, -24.5267, -19.9518 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(39, 83, 12)` looks like.

```
.text, #text, p{  
    color:rgb(39, 83, 12)  
}
```

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(39, 83, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 83, 12) }
```

Border

The CSS property to change the border of an element to YUV 61.7500, -24.5267, -19.9518 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(39, 83, 12) }
```


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

```
.border{ border-color:rgb(39, 83, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 83, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 83, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 83, 12);  
box-shadow:4px 4px 4px 4px rgb(39, 83, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.7500, -24.5267, -19.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 83, 12) }
```

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

```
.background{ background-color: rgb(39, 83,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor