

Converting Colors

YUV(62.7500, -27.9777,
-33.1067)

Have a look what the booklet for
YUV(62.7500, -27.9777, -33.1067)
contains.

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Color

**YUV(62.7500, -27.9777,
-33.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	195D06
RGB	25, 93, 6
RGB Percent	10%, 36%, 2%
CMY	0.9020, 0.6353, 0.9765
CMYK	0.73, 0.00, 0.94, 0.64
HSL	107°, 88%, 19%
HSV	107°, 94%, 36%
XYZ	4.3481, 8.0485, 1.4966
YIQ	62.7500, -12.6010, -41.4730

Conversions

Conversions Part 2

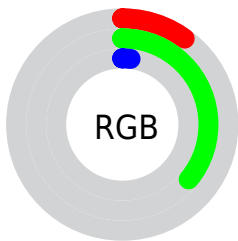
Format	Color
RYB	6, 93, 74
Decimal	1662214
CIELab	34.08, -37.05, 38.44
CIELCh	34, 53.393, 133.947
Yxy	8.0485, 0.3130, 0.5793
Android (android.graphics.Color)	4279852294 (0xFF195D06)
YUV	62.7500, -27.9777, -33.1067
Hunter-Lab	28.3699, -22.2895, 16.7311

Details

The YUV color **62.7500, -27.9777, -33.1067** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **36.2500, 27.9778, 33.1067**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4730, -27.8412, -30.2328**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **60.5710, -29.8615, -35.5808**, and if you desaturate by 10%, it is **65.8690, -25.0784, -29.7031**.

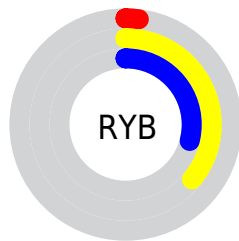
Distribution



Red (10%)

Green (36%)

Blue (2%)



Red (2%)

Yellow (36%)

Blue (29%)

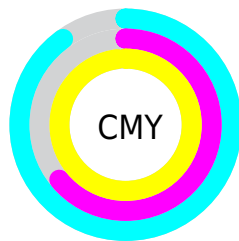


Cyan (73%)

Magenta (0%)

Yellow (94%)

Black (64%)



Cyan (90%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7500, -27.9777, -33.1067 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 62.7500, -27.9777, -33.1067 by changing the saturation by 10% instead.

■ 62.7500, -27.9777,
-33.1067

■ 62.7500, -27.9777,
-33.1067

■ 253.9740, -3.9312,
0.8998

■ 40.5030, -19.9680,
-35.5211

■ 115.4730,
-27.8412, -30.2328

■ 27.0020, -13.3120,
-23.6808

■ 141.8320,
-29.0042, -30.5477

■ 13.5010, -6.6560,
-11.8404

■ 169.3050,
-29.7304, -30.9625


■ 0.0000, 0.0000,
0.0000

■ 197.0770,
-30.6040, -30.7625


■ 224.9630,
-31.0408, -30.6626


■ 236.4130,


-23.3746, -16.1482


 248.5750,
-15.5665, -0.5043


 62.7500, -27.9777,
-33.1067

 62.7500, -27.9777,
-33.1067


 60.5710, -29.8615,
-35.5808

 65.8690, -25.0784,
-29.7031

 69.4010, -21.8897,
-25.7847

 72.5200, -18.9904,
-22.3810

 75.6390, -16.0910,
-18.9774

 78.7580, -13.1917,
-15.5738

■ 82.2900, -10.0030,
-11.6553

■ 85.4090, -7.1036,
-8.2517

■ 88.5280, -4.2043,
-4.8481

■ 91.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



73.2280, -36.1014, 5.9390



62.7500, -27.9777, -33.1067



63.2090, -4.0470, -55.4343

Triad

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



62.7500, -27.9777, -33.1067



71.8850, 44.4267, -63.0431



69.5500, -3.7221, 74.0627

Complementary

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



62.7500, -27.9777, -33.1067



36.2500, 27.9778, 33.1067

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.



74.6850, 14.9453, 59.9123



62.7500, -27.9777, -33.1067



64.9550, 48.3362, -56.9655

Square

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



62.7500, -27.9777, -33.1067



72.7850, 32.6440, -63.8324



81.9280, 29.6155, 21.1111



74.0280, -25.6498, 60.4884

Rectangle

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



62.7500, -27.9777, -33.1067



67.2160, 8.7675, -58.9484



81.9280, 29.6155, 21.1111



69.6730, 3.1192, 73.0778

Sweetspot

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



62.7500, -27.9777, -33.1067



108.3500, -11.0185, -12.5849



71.3420, -32.2136, 18.9941



53.8220, -6.8142, -7.7369



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



62.7500, -27.9777, -33.1067



78.2140, -38.5595, -45.7917



59.6910, -15.1307, -47.0870



44.2340, -1.5944, -1.9592



71.7460, -35.3708, -41.8732



154.6670, -76.2508, -90.0390

Inverse Universe

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



36.2500, 27.9778, 33.1067



41.7860, 38.5595, 45.7917



39.3090, 15.1307, 47.0870



42.7660, 1.5944, 1.9592



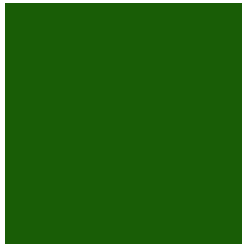
38.2540, 35.3708, 41.8732



82.3330, 76.2508, 90.0390

Previews

White Background



This preview shows how the YUV color 62.7500, -27.9777, -33.1067 looks on a white background.

Color Contrast Check

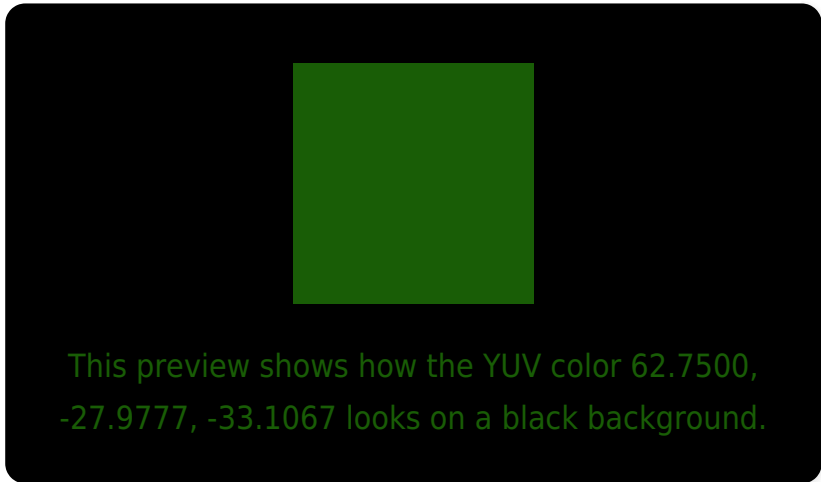
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.7500, -27.9777, -33.1067

Background



This preview shows how black text looks on a background with the YUV color 62.7500, -27.9777, -33.1067.



This preview shows how white text looks on a background with the YUV color 62.7500, -27.9777, -33.1067.

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

62.7500, -27.9777, -33.1067

Protanopia

73.8700, -36.4179, 14.1460

Deuteranopia

77.2050, -27.7091, 20.8682



Tritanopia

74.5390, 9.1013, -25.9057

Trichromacy



Original Color

62.7500, -27.9777, -33.1067

Protanomaly

69.8570, -33.4535, -3.3826

Deuteranomaly

71.7850, -27.5020, 1.0656

Tritanomaly

70.5590, -4.7126, -28.5542

Monochromacy



Original Color

62.7500, -27.9777, -33.1067

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8770, -10.2924, -12.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7500, -27.9777, -33.1067 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(25, 93, 6)` looks like.

```
.text, #text, p{  
    color:rgb(25, 93, 6)  
}
```

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(25, 93, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 93, 6) }
```

Border

The CSS property to change the border of an element to YUV 62.7500, -27.9777, -33.1067 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(25, 93, 6) }
```


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

```
.border{ border-color:rgb(25, 93, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 93, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 93, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 93, 6); box-shadow:4px  
4px 4px 4px rgb(25, 93, 6) }
```

Background

The CSS property to change the background color of an element to YUV 62.7500, -27.9777, -33.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 93, 6) }
```

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

```
.background{ background-color: rgb(25, 93,  
6) }
```

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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