

Converting Colors

YUV(62.2680, -13.4431,
-28.2990)

Have a look what the booklet for
YUV(62.2680, -13.4431, -28.2990)
contains.

| | |
|--|----|
| YUV(62.2680, -13.4431, -28.2990) | 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(62.2680, -13.4431,
-28.2990)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 1E5423 |
| RGB | 30, 84, 35 |
| RGB Percent | 12%, 33%, 14% |
| CMY | 0.8824, 0.6706, 0.8627 |
| CMYK | 0.64, 0.00, 0.58, 0.67 |
| HSL | 126°, 47%, 22% |
| HSV | 126°, 64%, 33% |
| XYZ | 4.0091, 6.7380, 2.6794 |
| YIQ | 62.2680, -16.4550, -26.6870 |

Conversions

Conversions Part 2

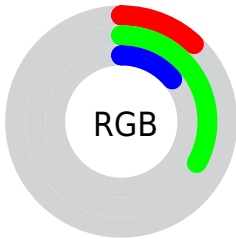
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 79, 84 |
| Decimal | 1987619 |
| CIE Lab | 31.20, -29.41, 23.21 |
| CIE LCh | 31, 37.467, 141.719 |
| Yxy | 6.7380, 0.2986, 0.5018 |
| Android (android.graphics.Color) | 4280177699 (0xFF1E5423) |
| YUV | 62.2680, -13.4431, -28.2990 |
| Hunter-Lab | 25.9577, -17.8570, 12.0504 |

Details

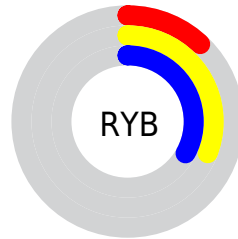
The YUV color **62.2680, -13.4431, -28.2990** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51.7320, 13.4431, 28.2990**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.1110, -15.3377, -27.2843**, and **22.3060, -10.9969, -19.5624** is the 20% darker color. If you saturate the color by 10%, you get **58.9640, -15.7583, -32.4174**, and if you desaturate by 10%, it is **65.5720, -11.1280, -24.1806**.

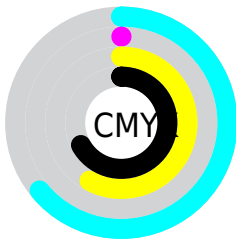
Distribution



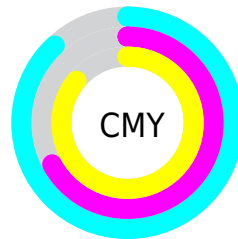
- Red (12%)
- Green (33%)
- Blue (14%)



- Red (12%)
- Yellow (31%)
- Blue (33%)



- Cyan (64%)
- Magenta (0%)
- Yellow (58%)
- Black (67%)



- Cyan (88%)
- Magenta (67%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2680, -13.4431, -28.2990 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 62.2680, -13.4431, -28.2990 by changing the saturation by 10% instead.

■ 62.2680, -13.4431,
-28.2990

■ 62.2680, -13.4431,
-28.2990

255.0000, 0.0000,
0.0000

■ 36.7020, -11.6851,
-32.1877

■ 112.1110,
-15.3377, -27.2843

■ 22.3060, -10.9969,
-19.5624

■ 138.1710,
-16.3533, -28.2140

■ 4.6960, -2.3151,
-4.1184

■ 164.7580,
-16.6427, -28.7288

■ 0.0000, 0.0000,
0.0000

■ 192.2310,
-17.3689, -29.1436

■ 220.1170,
-17.8057, -29.0436

■ 238.1380,

-12.8860, -20.2920

250.0010, -4.9305,
-5.2629

62.2680, -13.4431,
-28.2990

62.2680, -13.4431,
-28.2990

58.9640, -15.7583,
-32.4174

65.5720, -11.1280,
-24.1806

55.4750, -17.4892,
-37.2506

69.0610, -9.3971,
-19.3475

52.1710, -19.8043,
-41.3690

72.3650, -7.0819,
-15.2291

50.2200, -20.8145,
-44.0429

75.8540, -5.3510,
-10.3960

79.1580, -3.0359,
-6.2776

■ 82.4620, -0.7208,
-2.1592

■ 85.9510, 1.0102,
2.6740

■ 89.2550, 3.3253,
6.7924

■ 92.8580, 5.4930,
11.5255

Harmonies

Analogous

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



67.4860, -27.3546, 0.4508



62.2680, -13.4431, -28.2990



58.3650, 2.7781, -51.1861

Triad

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



62.2680, -13.4431, -28.2990



61.3070, 34.3586, -53.7662



71.4190, -8.5876, 47.8675

Complementary

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



62.2680, -13.4431, -28.2990



51.7320, 13.4431, 28.2990

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.



72.9420, 4.9586, 43.0239



62.2680, -13.4431, -28.2990



72.4370, 27.3926, -12.6612

Square

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



62.2680, -13.4431, -28.2990



63.4610, 27.3807, -55.6553



75.6110, 16.9538, 22.2662



71.3350, -21.3642, 39.1712

Rectangle

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



62.2680, -13.4431, -28.2990



60.6450, 11.5140, -53.1857



75.6110, 16.9538, 22.2662



71.5700, -4.2250, 48.6121

Sweetspot

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



62.2680, -13.4431, -28.2990



101.5550, -5.2036, -11.0107



76.3490, -22.8501, 2.3249



50.7450, -3.3253, -6.7924



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



62.2680, -13.4431, -28.2990



75.8070, -21.1039, -44.5577



65.2320, -2.0864, -30.8985



39.3480, -1.1576, -2.0592



62.7750, -26.0181, -55.0537



138.5780, -57.9660, -121.5329

Inverse Universe

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



51.7320, 13.4431, 28.2990



59.1930, 21.1039, 44.5577



48.6540, 1.6496, 30.9984



38.5380, 0.7208, 2.1592



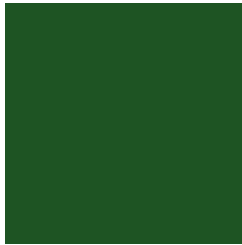
42.2250, 26.0181, 55.0537



93.4220, 57.9660, 121.5329

Previews

White Background



This preview shows how the YUV color 62.2680, -13.4431, -28.2990 looks on a white background.

Color Contrast Check

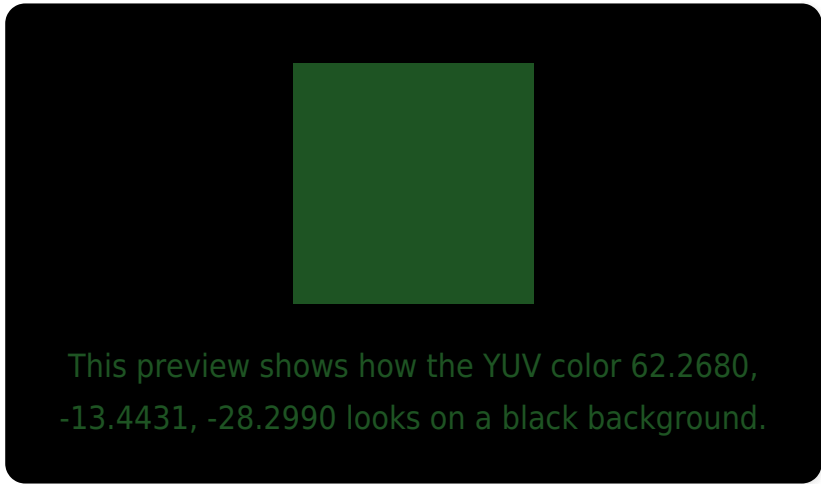
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.2680, -13.4431, -28.2990

Background



This preview shows how black text looks on a background with the YUV color 62.2680, -13.4431, -28.2990.



This preview shows how white text looks on a background with the YUV color 62.2680, -13.4431, -28.2990.

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

62.2680, -13.4431, -28.2990

Protanopia

70.7180, -19.0880, 9.0173

Deuteranopia

72.4460, -16.4889, 15.3949



Tritanopia

68.9200, 7.9274, -22.7318

Trichromacy



Original Color

62.2680, -13.4431, -28.2990

Protanomaly

67.4990, -17.0080, -4.8226

Deuteranomaly

68.6890, -15.1297, -0.6043

Tritanomaly

66.5470, 0.2233, -25.0357

Monochromacy



Original Color

62.2680, -13.4431, -28.2990

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9680, -4.9142, -10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2680, -13.4431, -28.2990 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(30, 84, 35)` looks like.

```
.text, #text, p{  
    color:rgb(30, 84, 35)  
}
```

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(30, 84, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 84, 35) }
```

Border

The CSS property to change the border of an element to YUV 62.2680, -13.4431, -28.2990 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(30, 84, 35) }
```


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

```
.border{ border-color:rgb(30, 84, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 84, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 84, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 84, 35);  
box-shadow:4px 4px 4px 4px rgb(30, 84, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.2680, -13.4431, -28.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 84, 35) }
```

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

```
.background{ background-color: rgb(30, 84,  
35) }
```

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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