

Converting Colors

YUV(61.8700, 13.8681,
-14.7950)

Have a look what the booklet for
YUV(61.8700, 13.8681, -14.7950)
contains.

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Color

**YUV(61.8700, 13.8681,
-14.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	2D415A
RGB	45, 65, 90
RGB Percent	18%, 25%, 35%
CMY	0.8235, 0.7451, 0.6471
CMYK	0.50, 0.28, 0.00, 0.65
HSL	213°, 33%, 26%
HSV	213°, 50%, 35%
XYZ	4.8179, 5.0767, 10.3988
YIQ	61.8700, -19.9450, 3.5350

Conversions

Conversions Part 2

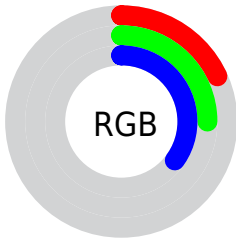
Format	Color
R_{YB}	45, 59, 90
Decimal	2965850
CIE Lab	26.95, -0.09, -17.36
CIE LCh	27, 17.364, 269.693
Yxy	5.0767, 0.2374, 0.2502
Android (android.graphics.Color)	4281155930 (0xFF2D415A)
YUV	61.8700, 13.8681, -14.7950
Hunter-Lab	22.5315, -1.2610, -11.5918

Details

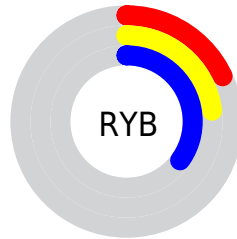
The YUV color **61.8700, 13.8681, -14.7950** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.1300, -13.8681, 14.7950**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0980, 14.7417, -14.9949**, and **18.5170, 12.5631, -16.2394** is the 20% darker color. If you saturate the color by 10%, you get **56.2440, 16.6417, -17.7540**, and if you desaturate by 10%, it is **67.4960, 11.0945, -11.8360**.

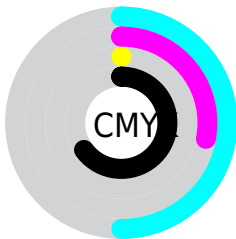
Distribution



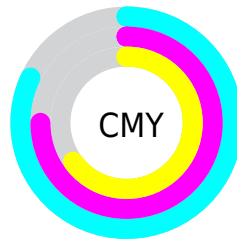
- Red (18%)
- Green (25%)
- Blue (35%)



- Red (18%)
- Yellow (23%)
- Blue (35%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8700, 13.8681, -14.7950 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 61.8700, 13.8681, -14.7950 by changing the saturation by 10% instead.

■ 61.8700, 13.8681,
-14.7950

■ 61.8700, 13.8681,
-14.7950

■ 255.0000, 0.0000,
0.0000

■ 39.0440, 13.2893,
-15.8246

■ 110.0980, 14.7417,
-14.9949

■ 18.5170, 12.5631,
-16.2394

■ 135.6250, 15.4679,
-14.5801

■ 3.3230, 10.1938,
-2.9143

■ 161.7390, 15.9047,
-14.6801

■ 0.0000, 0.0000,
0.0000

■ 188.8530, 16.3415,
-14.7801

■ 216.8530, 16.3415,
-14.7801

■ 242.8180, 6.0057,

-12.9954

■ 61.8700, 13.8681,
-14.7950

■ 61.8700, 13.8681,
-14.7950

■ 56.2440, 16.6417,
-17.7540

■ 67.4960, 11.0945,
-11.8360

■ 50.6180, 19.4153,
-20.7130

■ 73.1220, 8.3209,
-8.8770

■ 44.9920, 22.1889,
-23.6720

■ 78.7480, 5.5472,
-5.9180

■ 39.3660, 24.9626,
-26.6310

■ 84.3740, 2.7736,
-2.9590

■ 33.7400, 27.7362,
-29.5900

■ 90.0000, 0.0000,
0.0000

■ 95.6260, -2.7736,
2.9590

■ 101.2520, -5.5472,
5.9180

■ 106.8780, -8.3209,
8.8770

■ 112.5040,
-11.0945, 11.8360

Harmonies

Analogous

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



57.4830, 14.0589, -29.3646



61.8700, 13.8681, -14.7950



64.5730, 11.0565, 0.3745

Triad

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



61.8700, 13.8681, -14.7950



64.7100, -6.7590, 21.3023



59.6470, -4.7560, -14.5994

Complementary

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



61.8700, 13.8681, -14.7950



73.1300, -13.8681, 14.7950

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.



61.5300, -10.6143, -2.2188



61.8700, 13.8681, -14.7950



63.8360, -11.2581, 17.6838

Square

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



61.8700, 13.8681, -14.7950



65.6050, -0.7913, 20.5174



63.0260, -12.8308, 8.7472



56.9320, 2.9915, -26.2504

Rectangle

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



61.8700, 13.8681, -14.7950



65.4170, 7.6824, 9.2813



63.0260, -12.8308, 8.7472



60.3980, -7.0982, -9.9960

Sweetspot

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



61.8700, 13.8681, -14.7950



106.6340, 5.1104, -5.8180



74.2650, -2.1026, -25.6654



52.1890, 3.3578, -3.6738



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



61.8700, 13.8681, -14.7950



73.1770, 21.6047, -22.9572



50.7280, 19.3611, -3.2695



42.7440, 1.6052, -1.5295



41.3030, 33.8676, -36.2227



88.6530, 73.1351, -77.7487

Inverse Universe

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



60.7350, 2.1026, 25.6654



71.4640, 3.2222, 39.9351



84.2720, -19.3611, 3.2695



42.7230, 0.1366, 2.8739



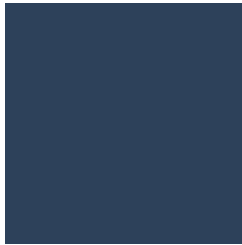
38.4760, 5.1883, 62.7265



82.8330, 10.9283, 135.2045

Previews

White Background



This preview shows how the YUV color 61.8700, 13.8681, -14.7950 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 61.8700, 13.8681, -14.7950 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

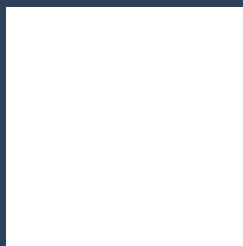
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.8700, 13.8681, -14.7950

Background



This preview shows how black text looks on a background with the YUV color 61.8700, 13.8681, -14.7950.



This preview shows how white text looks on a background with the YUV color 61.8700, 13.8681,

-14.7950.

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

61.8700, 13.8681, -14.7950

Protanopia

63.7570, 11.9518, -6.8029

Deuteranopia

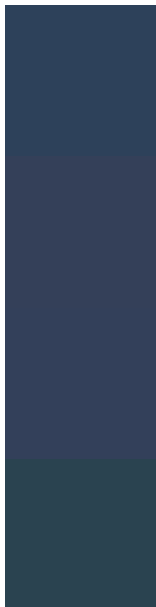
63.3870, 13.1202, -8.2324



Tritanopia

60.3120, 6.7482, -17.8136

Trichromacy



Original Color

61.8700, 13.8681, -14.7950

Protanomaly

63.2620, 12.6888, -9.8768

Deuteranomaly

63.0770, 13.2730, -10.5915

Tritanomaly

61.0070, 9.3635, -16.6691

Monochromacy



Original Color

61.8700, 13.8681, -14.7950

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9330, 4.9630, -5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8700, 13.8681, -14.7950 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(45, 65, 90)` looks like.

```
.text, #text, p{  
    color:rgb(45, 65, 90)  
}
```

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(45, 65, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 65, 90) }
```

Border

The CSS property to change the border of an element to YUV 61.8700, 13.8681, -14.7950 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(45, 65, 90) }
```


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

```
.border{ border-color:rgb(45, 65, 90) }
```

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

Here you see how a box with a 4 pixel rgb(45, 65, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 65, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 65, 90);  
box-shadow:4px 4px 4px 4px rgb(45, 65, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8700, 13.8681, -14.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 65, 90) }
```

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

```
.background{ background-color: rgb(45, 65,  
90) }
```

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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