

Converting Colors

YUV(62.8850, 14.3537,
-30.5941)

Have a look what the booklet for
YUV(62.8850, 14.3537, -30.5941)
contains.

YUV(62.8850, 14.3537, -30.5941)	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(62.8850, 14.3537,
-30.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4B5C
RGB	28, 75, 92
RGB Percent	11%, 29%, 36%
CMY	0.8902, 0.7059, 0.6392
CMYK	0.70, 0.18, 0.00, 0.64
HSL	196°, 53%, 24%
HSV	196°, 70%, 36%
XYZ	4.9267, 6.0517, 11.0336
YIQ	62.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

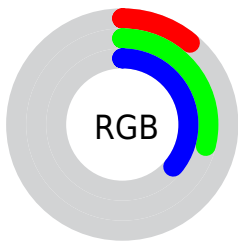
Format	Color
R_{YB}	28, 55, 92
Decimal	1854300
CIE Lab	29.54, -9.88, -14.72
CIE LCh	30, 17.728, 236.142
Yxy	6.0517, 0.2238, 0.2749
Android (android.graphics.Color)	4280044380 (0xFF1C4B5C)
YUV	62.8850, 14.3537, -30.5941
Hunter-Lab	24.6003, -7.3020, -9.3724




Details

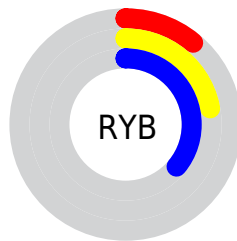
The YUV color **62.8850, 14.3537, -30.5941** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.1150, -14.3537, 30.5941**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.8960, 14.3483, -28.8498**, and **23.4410, 11.1216, -20.5578** is the 20% darker color. If you saturate the color by 10%, you get **59.0200, 16.2591, -35.0975**, and if you desaturate by 10%, it is **66.7500, 12.4482, -26.0907**.

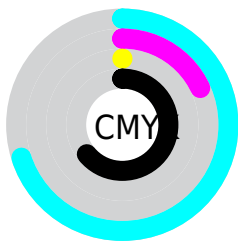
Distribution







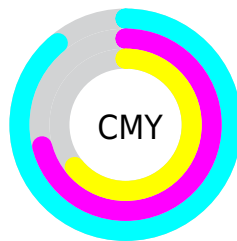
-  Red (11%)
-  Green (29%)
-  Blue (36%)






-  Red (11%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (70%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8850, 14.3537, -30.5941 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 62.8850, 14.3537, -30.5941 by changing the saturation by 10% instead.

■ 62.8850, 14.3537,
-30.5941

■ 62.8850, 14.3537,
-30.5941

■ 255.0000, 0.0000,
0.0000

■ 38.2760, 14.6539,
-33.5681

■ 112.8960, 14.3483,
-28.8498

■ 23.4410, 11.1216,
-20.5578

■ 139.0100, 14.7851,
-28.9498

■ 3.5510, 11.0674,
-3.1142

■ 165.1240, 15.2219,
-29.0497

■ 0.0000, 0.0000,
0.0000

■ 192.8250, 15.3693,
-29.6645

■ 220.9390, 15.8061,
-29.7645

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

62.8850, 14.3537,
-30.5941

62.8850, 14.3537,
-30.5941

59.0200, 16.2591,
-35.0975

66.7500, 12.4482,
-26.0907

54.5680, 18.4540,
-39.0861

71.2020, 10.2534,
-22.1022

50.4040, 20.5068,
-44.2043

75.3660, 8.2006,
-16.9840

79.8180, 6.0057,
-12.9954

83.6830, 4.1003,
-8.4920

■ 88.1350, 1.9054,
-4.5034

■ 92.0000, 0.0000,
0.0000

■ 96.7510, -2.3422,
4.6034

■ 100.6160, -4.2477,
9.1068

Harmonies

Analogous

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



61.0110, 9.8546, -34.2126



62.8850, 14.3537, -30.5941



67.0870, 14.7471, -16.7393

Triad

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



62.8850, 14.3537, -30.5941



71.2460, 0.3717, 20.8323



67.4270, -11.0565, -0.3745

Complementary

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



62.8850, 14.3537, -30.5941



57.1150, -14.3537, 30.5941

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.



68.9230, -13.2730, 10.5915



62.8850, 14.3537, -30.5941



70.8350, -6.3277, 22.9467

Square

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



62.8850, 14.3537, -30.5941



71.4990, 6.6560, 11.8404



69.5480, -11.1162, 18.8134



65.4300, -5.6350, -12.6551

Rectangle

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



62.8850, 14.3537, -30.5941



69.3980, 13.1148, -6.4880



69.5480, -11.1162, 18.8134



67.8080, -12.2303, 2.7994

Sweetspot

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



62.8850, 14.3537, -30.5941



108.4160, 5.7109, -11.7658



67.3920, -11.5323, -34.5468



54.1670, 3.3687, -7.1625



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.



62.8850, 14.3537, -30.5941



74.2510, 22.5543, -47.5781



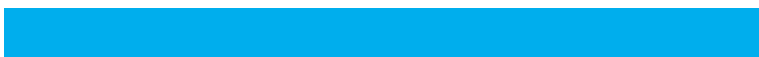
44.6880, 23.3248, -14.6354



43.9180, 1.0264, -2.5591



60.0870, 24.6071, -52.6963



129.1560, 53.1671, -113.2698

Inverse Universe

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



52.4940, 11.0955, 34.6468



58.2220, 17.1456, 54.1793



75.3120, -23.3248, 14.6354



42.9510, 1.0102, 2.6740



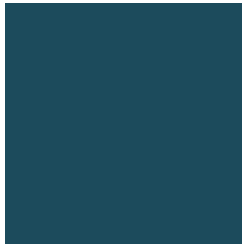
42.1240, 19.1659, 59.5273



90.6990, 41.0674, 128.3060

Previews

White Background



This preview shows how the YUV color 62.8850, 14.3537, -30.5941 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 62.8850, 14.3537, -30.5941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

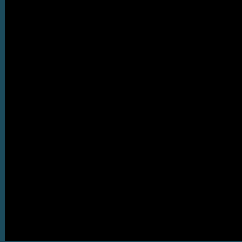
Any Text WCAG AA × Fail

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 62.8850, 14.3537, -30.5941 Background



This preview shows how black text looks on a background with the YUV color 62.8850, 14.3537, -30.5941.



This preview shows how white text looks on a background with the YUV color 62.8850, 14.3537,

-30.5941.

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

62.8850, 14.3537, -30.5941

Protanopia

69.8560, 8.4520, -4.2587

Deuteranopia

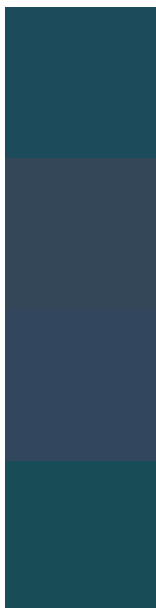
69.3550, 11.6570, -5.5733



Tritanopia

61.2390, 10.7282, -34.4126

Trichromacy



Original Color

62.8850, 14.3537, -30.5941

Protanomaly

67.3710, 10.6631, -13.4804

Deuteranomaly

67.2290, 12.7051, -15.1098

Tritanomaly

61.5920, 12.0331, -32.9682

Monochromacy



Original Color

62.8850, 14.3537, -30.5941

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7150, 5.5635, -11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8850, 14.3537, -30.5941 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(28, 75, 92)` looks like.

```
.text, #text, p{  
    color:rgb(28, 75, 92)  
}
```

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(28, 75, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 75, 92) }
```

Border

The CSS property to change the border of an element to YUV 62.8850, 14.3537, -30.5941 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(28, 75, 92) }
```


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

```
.border{ border-color:rgb(28, 75, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 75, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 75, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 75, 92);  
box-shadow:4px 4px 4px 4px rgb(28, 75, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8850, 14.3537, -30.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 75, 92) }
```

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

```
.background{ background-color: rgb(28, 75,  
92) }
```

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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