

Converting Colors

YUV(62.6830, 17.4113,
-31.2940)

Have a look what the booklet for
YUV(62.6830, 17.4113, -31.2940)
contains.

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Color

**YUV(62.6830, 17.4113,
-31.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4A62
RGB	27, 74, 98
RGB Percent	11%, 29%, 38%
CMY	0.8941, 0.7098, 0.6157
CMYK	0.72, 0.24, 0.00, 0.62
HSL	200°, 57%, 25%
HSV	200°, 72%, 38%
XYZ	5.1054, 6.0124, 12.4467
YIQ	62.6830, -35.7160, -2.5000

Conversions

Conversions Part 2

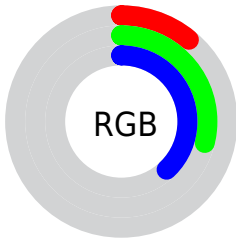
Format	Color
R_{YB}	27, 55, 98
Decimal	1788514
CIE Lab	29.44, -7.22, -18.71
CIE LCh	29, 20.059, 248.892
Yxy	6.0124, 0.2167, 0.2551
Android (android.graphics.Color)	4279978594 (0xFF1B4A62)
YUV	62.6830, 17.4113, -31.2940
Hunter-Lab	24.5202, -5.7447, -12.9320




Details

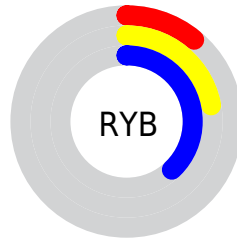
The YUV color **62.6830, 17.4113, -31.2940** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.3170, -17.4113, 31.2940**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.1070, 17.6952, -29.0348**, and **23.4240, 13.5950, -20.5428** is the 20% darker color. If you saturate the color by 10%, you get **57.9320, 19.7535, -35.8974**, and if you desaturate by 10%, it is **67.4340, 15.0690, -26.6906**.

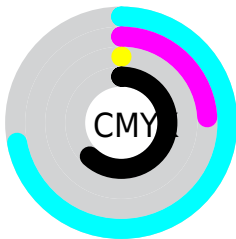
Distribution







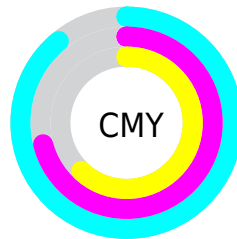
-  Red (11%)
-  Green (29%)
-  Blue (38%)






-  Red (11%)
-  Yellow (22%)
-  Blue (38%)



-  Cyan (72%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6830, 17.4113, -31.2940 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 62.6830, 17.4113, -31.2940 by changing the saturation by 10% instead.

■ 62.6830, 17.4113,
-31.2940

■ 62.6830, 17.4113,
-31.2940

■ 255.0000, 0.0000,
0.0000

■ 38.3730, 17.5641,
-33.6531

■ 113.1070, 17.6952,
-29.0348

■ 23.4240, 13.5950,
-20.5428

■ 138.8190, 17.8372,
-27.9053

■ 4.7080, 12.9620,
-4.1289

■ 165.6340, 18.4214,
-28.6200

■ 0.1140, 0.4368,
-0.1000

■ 192.7480, 18.8582,
-28.7200

■ 0.0000, 0.0000,
0.0000

■ 220.8790, 16.8217,
-28.8349

■ 243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

62.6830, 17.4113,
-31.2940

62.6830, 17.4113,
-31.2940

57.9320, 19.7535,
-35.8974

67.4340, 15.0690,
-26.6906

52.5940, 22.3852,
-39.9859

72.7720, 12.4374,
-22.6020

49.3270, 23.9958,
-43.2598

77.2240, 10.2426,
-18.6134

81.9750, 7.9003,
-14.0101

87.3130, 5.2687,
-9.9215

■ 92.0640, 2.9264,
-5.3181

■ 96.8150, 0.5842,
-0.7148

■ 101.8540, -1.9000,
2.7590

■ 106.6050, -4.2423,
7.3624

Harmonies

Analogous

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



56.1280, 15.7129, -46.5933



62.6830, 17.4113, -31.2940



68.0490, 15.7518, -12.3210

Triad

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



62.6830, 17.4113, -31.2940



70.4700, -2.6967, 25.0208



65.9100, -10.3086, -6.9371

Complementary

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



62.6830, 17.4113, -31.2940



62.3170, -17.4113, 31.2940

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.



67.8470, -14.7146, 6.2732



62.6830, 17.4113, -31.2940



70.3360, -9.5326, 24.2613

Square

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



62.6830, 17.4113, -31.2940



71.6740, 4.5977, 18.7029



69.4400, -14.0209, 17.1541



63.4720, -2.6977, -21.4619

Rectangle

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



62.6830, 17.4113, -31.2940



70.7300, 12.9511, -0.6402



69.4400, -14.0209, 17.1541



66.7750, -12.2141, -2.4337

Sweetspot

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



62.6830, 17.4113, -31.2940



113.4590, 7.1687, -12.6805



71.4130, -10.0636, -38.9502



55.3950, 4.2423, -7.3624



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



62.6830, 17.4113, -31.2940



72.5050, 27.3590, -48.6779



42.1380, 27.5400, -13.2760



46.2170, 0.8790, -1.9443



56.2060, 27.5064, -49.2927



120.6930, 58.8184, -105.8478

Inverse Universe

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



53.5870, 10.0636, 38.9502



58.5110, 15.5241, 60.9419



82.8620, -27.5400, 13.2760



45.5380, 0.7208, 2.1592



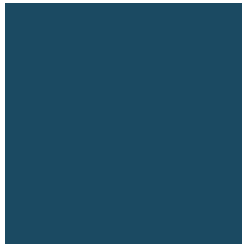
41.9240, 15.8135, 61.4567



89.8860, 34.0732, 131.6500

Previews

White Background



This preview shows how the YUV color 62.6830, 17.4113, -31.2940 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 62.6830, 17.4113, -31.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

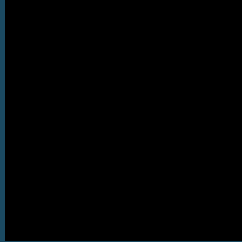
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6830, 17.4113, -31.2940

Background



This preview shows how black text looks on a background with the YUV color 62.6830, 17.4113, -31.2940.



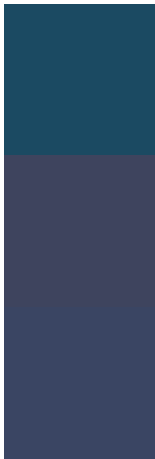
This preview shows how white text looks on a background with the YUV color 62.6830, 17.4113,

-31.2940.

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

62.6830, 17.4113, -31.2940

Protanopia

69.1700, 12.2412, -6.2881

Deuteranopia

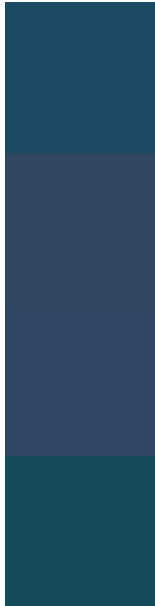
69.1310, 14.7254, -9.7619



Tritanopia

58.8470, 11.9074, -39.3308

Trichromacy



Original Color

62.6830, 17.4113, -31.2940

Protanomaly

66.5710, 14.0155, -15.4098

Deuteranomaly

67.0160, 15.7681, -17.5540

Tritanomaly

60.3250, 13.6438, -36.2420

Monochromacy



Original Color

62.6830, 17.4113, -31.2940

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9430, 6.4371, -11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6830, 17.4113, -31.2940 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(27, 74, 98)` looks like.

```
.text, #text, p{  
    color:rgb(27, 74, 98)  
}
```

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(27, 74, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 74, 98) }
```

Border

The CSS property to change the border of an element to YUV 62.6830, 17.4113, -31.2940 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(27, 74, 98) }
```


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

```
.border{ border-color:rgb(27, 74, 98) }
```

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

Here you see how a box with a 4 pixel rgb(27, 74, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 74, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 74, 98);  
box-shadow:4px 4px 4px 4px rgb(27, 74, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.6830, 17.4113, -31.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 74, 98) }
```

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

```
.background{ background-color: rgb(27, 74,  
98) }
```

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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