

Converting Colors

YUV(62.8330, 6.4913, -28.7945)

Have a look what the booklet for
YUV(62.8330, 6.4913, -28.7945)
contains.

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Color

**YUV(62.8330, 6.4913,
-28.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4D4C
RGB	30, 77, 76
RGB Percent	12%, 30%, 30%
CMY	0.8824, 0.6980, 0.7020
CMYK	0.61, 0.00, 0.01, 0.70
HSL	179°, 44%, 21%
HSV	179°, 61%, 30%
XYZ	4.4938, 6.1056, 7.7791
YIQ	62.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

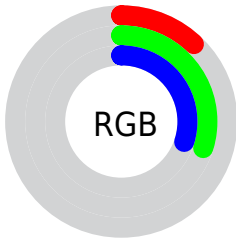
Format	Color
R_{YB}	30, 54, 77
Decimal	1985868
CIE _{Lab}	29.68, -16.09, -4.24
CIE _{LCh}	30, 16.634, 194.750
Yxy	6.1056, 0.2445, 0.3322
Android (android.graphics.Color)	4280175948 (0xFF1E4D4C)
YUV	62.8330, 6.4913, -28.7945
Hunter-Lab	24.7095, -10.7785, -1.3693




Details

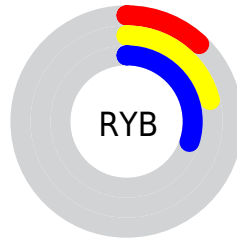
The YUV color **62.8330, 6.4913, -28.7945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **44.1670, -6.4913, 28.7945**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.1320, 6.3439, -28.1798**, and **23.0190, 4.4276, -20.1877** is the 20% darker color. If you saturate the color by 10%, you get **60.4410, 7.6706, -33.7128**, and if you desaturate by 10%, it is **65.2250, 5.3121, -23.8763**.

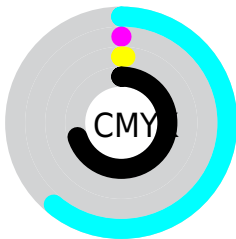
Distribution







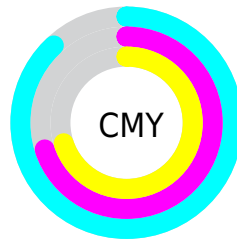
-  Red (12%)
-  Green (30%)
-  Blue (30%)






-  Red (12%)
-  Yellow (21%)
-  Blue (30%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (70%)



-  Cyan (88%)
-  Magenta (70%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8330, 6.4913, -28.7945 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 62.8330, 6.4913, -28.7945 by changing the saturation by 10% instead.

62.8330, 6.4913,
-28.7945

62.8330, 6.4913,
-28.7945

255.0000, 0.0000,
0.0000

38.0390, 7.3758,
-32.4832

112.1320, 6.3439,
-28.1798

23.0190, 4.4276,
-20.1877

137.8330, 6.4913,
-28.7945

1.0260, 3.9312,
-0.8998

164.4200, 6.2019,
-29.3093

0.0000, 0.0000,
0.0000

192.1210, 6.3493,
-29.9241

220.1210, 6.3493,
-29.9241

242.7410, 6.0437,

-25.2059

251.1130, 1.9163,
-7.9921

62.8330, 6.4913,
-28.7945

62.8330, 6.4913,
-28.7945

60.4410, 7.6706,
-33.7128

65.2250, 5.3121,
-23.8763

58.3480, 8.7024,
-38.0162

67.3180, 4.2802,
-19.5729

55.9560, 9.8817,
-42.9344

69.7100, 3.1010,
-14.6547

53.7490, 10.4767,
-47.1379

72.2160, 2.3585,
-9.8364

74.6080, 1.1793,
-4.9182

■ 76.7010, 0.1474,
-0.6148

■ 79.0930, -1.0318,
4.3034

■ 81.4850, -2.2111,
9.2217

■ 83.5780, -3.2430,
13.5251

Harmonies

Analogous

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



65.2380, -1.1033, -19.5027



62.8330, 6.4913, -28.7945



63.3150, 12.1697, -30.0943

Triad

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



62.8330, 6.4913, -28.7945



71.5200, 8.1246, 7.4370



69.8740, -12.2629, 13.2655

Complementary

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



62.8330, 6.4913, -28.7945



44.1670, -6.4913, 28.7945

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.



70.7160, -9.2270, 19.5431



62.8330, 6.4913, -28.7945



71.7940, 2.5666, 16.8437

Square

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



62.8330, 6.4913, -28.7945



69.8710, 12.3886, -6.9029



71.2200, -3.5595, 21.7321



68.3350, -11.5042, 3.2142

Rectangle

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



62.8330, 6.4913, -28.7945



65.1030, 13.7532, -24.6463



71.2200, -3.5595, 21.7321



69.8250, -11.2527, 15.9395

Sweetspot

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



62.8330, 6.4913, -28.7945



93.9170, 2.5059, -10.4512



58.1870, -13.8962, -22.9660



47.7110, 1.6215, -6.7625



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



62.8330, 6.4913, -28.7945



77.3580, 10.1765, -44.1640



50.0330, 13.2947, -17.5689



36.8040, 0.5896, -2.4591



71.2740, 14.1619, -62.5073



160.6600, 31.7196, -140.8988

Inverse Universe

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



44.1670, -6.4913, 28.7945



48.6420, -10.1765, 44.1640



56.9670, -13.2947, 17.5689



35.3100, -0.1528, 2.3591



30.7260, -14.1619, 62.5073



69.3400, -31.7196, 140.8988

Previews

White Background



This preview shows how the YUV color 62.8330, 6.4913, -28.7945 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 62.8330, 6.4913, -28.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

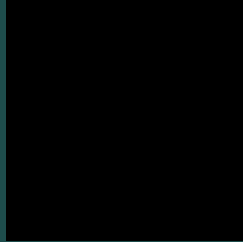
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8330, 6.4913, -28.7945

Background



This preview shows how black text looks on a background with the YUV color 62.8330, 6.4913, -28.7945.



This preview shows how white text looks on a background with the YUV color 62.8330, 6.4913, -28.7945.

-28.7945.

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

62.8330, 6.4913, -28.7945

Protanopia

69.5270, 0.7262, 0.4148

Deuteranopia

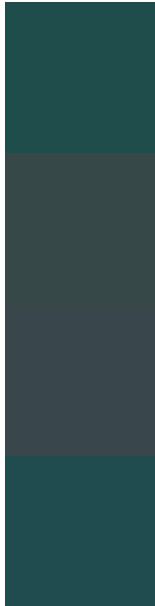
70.6350, 3.6309, 2.0741



Tritanopia

63.8270, 8.9593, -27.0353

Trichromacy



Original Color

62.8330, 6.4913, -28.7945

Protanomaly

67.0310, 2.9427, -10.5512

Deuteranomaly

67.4980, 4.6845, -9.2067

Tritanomaly

63.3000, 8.2331, -27.4501

Monochromacy



Original Color

62.8330, 6.4913, -28.7945

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8330, 6.4913, -28.7945 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, 77, 76)` looks like.

```
.text, #text, p{  
    color:rgb(30, 77, 76)  
}
```

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, 77, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 77, 76) }
```

Border

The CSS property to change the border of an element to YUV 62.8330, 6.4913, -28.7945 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, 77, 76) }
```


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

```
.border{ border-color:rgb(30, 77, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 77, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 77, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 77, 76);  
box-shadow:4px 4px 4px 4px rgb(30, 77, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8330, 6.4913, -28.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 77, 76) }
```

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

```
.background{ background-color: rgb(30, 77,  
76) }
```

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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