

Converting Colors

YUV(68.4930, 2.2220, -12.7104)

Have a look what the booklet for
YUV(68.4930, 2.2220, -12.7104)
contains.

YUV(68.4930, 2.2220, -12.7104)	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(68.4930, 2.2220,
-12.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	364B49
RGB	54, 75, 73
RGB Percent	21%, 29%, 29%
CMY	0.7882, 0.7059, 0.7137
CMYK	0.28, 0.00, 0.03, 0.71
HSL	174°, 16%, 25%
HSV	174°, 28%, 29%
XYZ	5.2400, 6.2975, 7.2427
YIQ	68.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

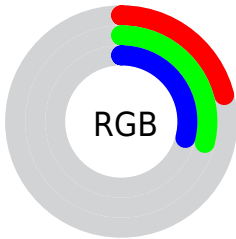
Format	Color
R_{YB}	54, 65, 75
Decimal	3558217
CIE _{Lab}	30.15, -8.63, -1.47
CIE _{LCh}	30, 8.752, 189.638
Yxy	6.2975, 0.2790, 0.3353
Android (android.graphics.Color)	4281748297 (0xFF364B49)
YUV	68.4930, 2.2220, -12.7104
Hunter-Lab	25.0947, -6.6435, 0.4544

Details

The YUV color **68.4930, 2.2220, -12.7104** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.5070, -2.2220, 12.7104**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.7810, 2.0800, -13.8399**, and **24.9060, 2.5113, -12.1956** is the 20% darker color. If you saturate the color by 10%, you get **66.2860, 2.8170, -16.9138**, and if you desaturate by 10%, it is **70.9990, 1.4795, -7.8921**.

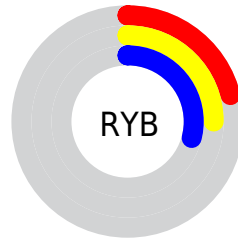
Distribution



Red (21%)

Green (29%)

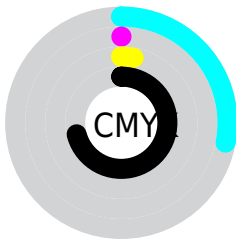
Blue (29%)



Red (21%)

Yellow (25%)

Blue (29%)

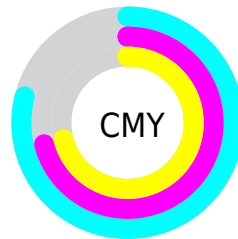


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (71%)



Cyan (79%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4930, 2.2220, -12.7104 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 68.4930, 2.2220, -12.7104 by changing the saturation by 10% instead.

■ 68.4930, 2.2220,
-12.7104

■ 68.4930, 2.2220,
-12.7104

■ 255.0000, 0.0000,
0.0000

■ 45.9060, 2.5113,
-12.1956

■ 116.7810, 2.0800,
-13.8399

■ 24.9060, 2.5113,
-12.1956

■ 142.7810, 2.0800,
-13.8399

■ 1.0430, 1.4578,
-0.9147

■ 168.8950, 2.5168,
-13.9399

■ 0.0000, 0.0000,
0.0000

■ 196.4820, 2.2274,
-14.4547

■ 224.1830, 2.3748,
-15.0695

■ 249.0200, 2.9481,

-12.2955

■ 68.4930, 2.2220,
-12.7104

■ 68.4930, 2.2220,
-12.7104

■ 66.2860, 2.8170,
-16.9138

■ 70.9990, 1.4795,
-7.8921

■ 63.8940, 3.9963,
-21.8320

■ 73.0920, 0.4476,
-3.5887

■ 61.6870, 4.5913,
-26.0355

■ 75.5980, -0.2948,
1.2296

■ 59.1810, 5.3338,
-30.8537

■ 77.8050, -0.8899,
5.4330

■ 56.6750, 6.0762,
-35.6720

■ 80.3110, -1.6323,
10.2513

■ 54.5820, 7.1081,
-39.9754

■ 82.4040, -2.6642,
14.5547

■ 52.3750, 7.7031,
-44.1789

■ 84.9100, -3.4066,
19.3729

■ 51.7770, 7.9979,
-45.4084

■ 87.1170, -4.0017,
23.5764

■ 89.5090, -5.1809,
28.4946

Harmonies

Analogous

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



69.1900, -1.5727, -8.9366



68.4930, 2.2220, -12.7104



68.2910, 5.2795, -13.4102

Triad

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



68.4930, 2.2220, -12.7104



72.1620, 4.3571, 2.4889



71.3340, -6.5737, 8.4771

Complementary

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



68.4930, 2.2220, -12.7104



60.5070, -2.2220, 12.7104

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.



71.9260, -4.4005, 11.4659



68.4930, 2.2220, -12.7104



72.5110, 1.7201, 8.3219

Square

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



68.4930, 2.2220, -12.7104



70.9870, 6.4154, -4.3736



72.0230, -1.4903, 11.3808



70.4150, -6.1206, 3.1440

Rectangle

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



68.4930, 2.2220, -12.7104



69.5300, 6.1477, -11.8658



72.0230, -1.4903, 11.3808



71.1600, -5.9949, 9.5067

Sweetspot

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



68.4930, 2.2220, -12.7104



94.4940, 0.7425, -4.8182



66.9250, -6.3720, -9.5812



46.8040, 0.5896, -2.4591



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



68.4930, 2.2220, -12.7104



86.7910, 3.5540, -19.9877



64.0250, 5.4107, -8.7919



36.8040, 0.5896, -2.4591



70.3620, 10.6675, -61.7075



158.7220, 24.2941, -139.1992

Inverse Universe

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



60.5070, -2.2220, 12.7104



74.2090, -3.5540, 19.9877



64.9750, -5.4107, 8.7919



35.3100, -0.1528, 2.3591



31.6380, -10.6675, 61.7075



71.2780, -24.2941, 139.1992

Previews

White Background



This preview shows how the YUV color 68.4930, 2.2220, -12.7104 looks on a white background.

Color Contrast Check

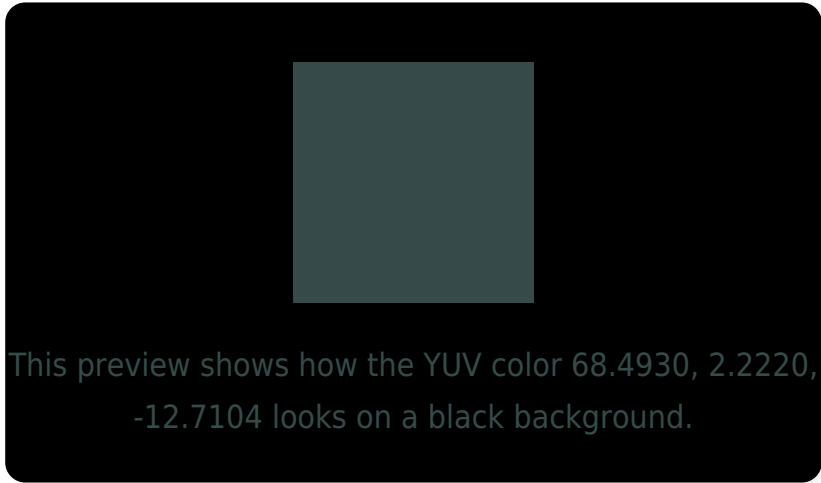
Large Text (above 18pt) WCAG AA ✓ Pass

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

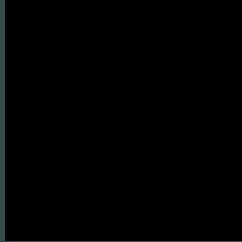
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4930, 2.2220, -12.7104

Background



This preview shows how black text looks on a background with the YUV color 68.4930, 2.2220, -12.7104.



This preview shows how white text looks on a background with the YUV color 68.4930, 2.2220, -12.7104.

-12.7104.

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

68.4930, 2.2220, -12.7104

Protanopia

70.5980, -0.2948, 1.2296

Deuteranopia

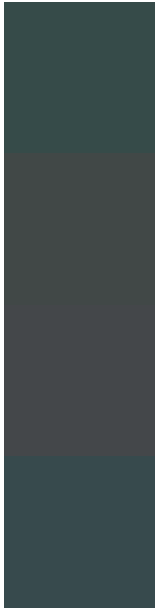
71.6630, 1.1521, 3.8035



Tritanopia

69.3020, 5.2741, -11.6659

Trichromacy



Original Color

68.4930, 2.2220, -12.7104

Protanomaly

69.7930, 0.5951, -4.2035

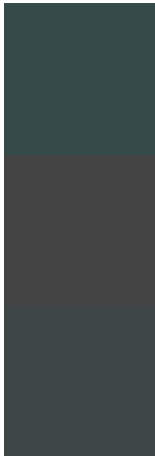
Deuteranomaly

70.4450, 1.7526, -2.1443

Tritanomaly

68.6610, 4.1111, -11.9807

Monochromacy



Original Color

68.4930, 2.2220, -12.7104

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.4940, 0.7425, -4.8182

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4930, 2.2220, -12.7104 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(54, 75, 73)` looks like.

```
.text, #text, p{  
    color:rgb(54, 75, 73)  
}
```

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(54, 75, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 75, 73) }
```

Border

The CSS property to change the border of an element to YUV 68.4930, 2.2220, -12.7104 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(54, 75, 73) }
```


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

```
.border{ border-color:rgb(54, 75, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 75, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 75, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 75, 73);  
box-shadow:4px 4px 4px 4px rgb(54, 75, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.4930, 2.2220, -12.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 75, 73) }
```

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

```
.background{ background-color: rgb(54, 75,  
73) }
```

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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