

Converting Colors

YUV(52.4930, 2.2220, -12.7104)

Have a look what the booklet for
YUV(52.4930, 2.2220, -12.7104)
contains.

| | |
|--|----|
| YUV(52.4930, 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(52.4930, 2.2220,
-12.7104)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 263B39 |
| RGB | 38, 59, 57 |
| RGB Percent | 15%, 23%, 22% |
| CMY | 0.8510, 0.7686, 0.7765 |
| CMYK | 0.36, 0.00, 0.03, 0.77 |
| HSL | 174°, 22%, 19% |
| HSV | 174°, 36%, 23% |
| XYZ | 3.1018, 3.8354, 4.4477 |
| YIQ | 52.4930, -11.8740, -5.0740 |

Conversions

Conversions Part 2

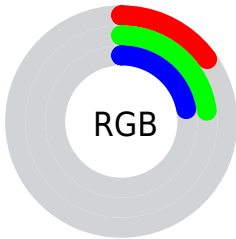
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 38, 49, 59 |
| Decimal | 2505529 |
| CIE _{Lab} | 23.12, -8.84, -1.43 |
| CIE _{LCh} | 23, 8.952, 189.203 |
| Yxy | 3.8354, 0.2724, 0.3369 |
| Android (android.graphics.Color) | 4280695609 (0xFF263B39) |
| YUV | 52.4930, 2.2220, -12.7104 |
| Hunter-Lab | 19.5842, -6.0009, 0.2437 |

Details

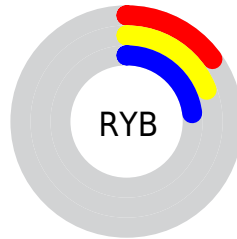
The YUV color **52.4930, 2.2220, -12.7104** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44.5070, -2.2220, 12.7104**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.1940, 2.3694, -13.3251**, and **11.5750, 1.1955, -10.1513** is the 20% darker color. If you saturate the color by 10%, you get **50.5850, 2.6696, -16.2990**, and if you desaturate by 10%, it is **54.4010, 1.7743, -9.1217**.

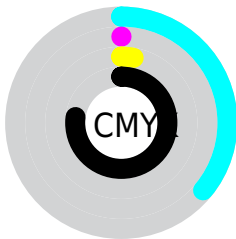
Distribution



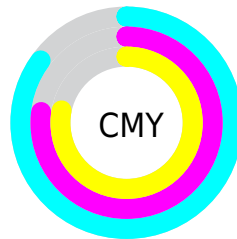
- Red (15%)
- Green (23%)
- Blue (22%)



- Red (15%)
- Yellow (19%)
- Blue (23%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (77%)



- Cyan (85%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4930, 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 52.4930, 2.2220, -12.7104 by changing the saturation by 10% instead.

■ 52.4930, 2.2220,
-12.7104

■ 52.4930, 2.2220,
-12.7104

■ 255.0000, 0.0000,
0.0000

■ 30.9060, 2.5113,
-12.1956

■ 99.1940, 2.3694,
-13.3251

■ 11.5750, 1.1955,
-10.1513

■ 123.8950, 2.5168,
-13.9399

■ 0.0000, 0.0000,
0.0000

■ 150.4820, 2.2274,
-14.4547

■ 177.1830, 2.3748,
-15.0695

■ 204.1830, 2.3748,
-15.0695

■ 232.8840, 2.5222,

-15.6843

251.7110, 1.6215,
-6.7625

52.4930, 2.2220,
-12.7104

52.4930, 2.2220,
-12.7104

50.5850, 2.6696,
-16.2990

54.4010, 1.7743,
-9.1217

48.7910, 3.5540,
-19.9877

56.1950, 0.8899,
-5.4330

46.8830, 4.0017,
-23.5764

58.1030, 0.4422,
-1.8443

45.0890, 4.8861,
-27.2651

59.8970, -0.4422,
1.8443

43.1810, 5.3338,
-30.8537

61.5060, -0.7425,
4.8182

■ 41.6860, 6.0708,
-33.9276

■ 63.3000, -1.6269,
8.5069

■ 40.6750, 6.0762,
-35.6720

■ 65.2080, -2.0745,
12.0956

■ 67.0020, -2.9590,
15.7842

■ 68.9100, -3.4066,
19.3729

Harmonies

Analogous

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



53.1900, -1.5727, -8.9366



52.4930, 2.2220, -12.7104



52.2910, 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.



52.4930, 2.2220, -12.7104



56.1620, 4.3571, 2.4889



55.1490, -5.9895, 7.7623

Complementary

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



52.4930, 2.2220, -12.7104



44.5070, -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.



55.6270, -4.2531, 10.8511



52.4930, 2.2220, -12.7104



56.5110, 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.



52.4930, 2.2220, -12.7104



54.9870, 6.4154, -4.3736



56.0230, -1.4903, 11.3808



54.4150, -6.1206, 3.1440

Rectangle

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



52.4930, 2.2220, -12.7104



53.5300, 6.1477, -11.8658



56.0230, -1.4903, 11.3808



55.2740, -5.5581, 9.4067

Sweetspot

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



52.4930, 2.2220, -12.7104



74.1950, 0.8899, -5.4330



50.9250, -6.3720, -9.5812



36.5050, 0.7370, -3.0739



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



52.4930, 2.2220, -12.7104



66.6770, 3.1172, -19.8877



48.0250, 5.4107, -8.7919



29.9890, 0.0054, -1.7444



64.8680, 9.9251, -56.8892



153.2280, 23.5516, -134.3810

Inverse Universe

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



44.5070, -2.2220, 12.7104



54.2090, -3.5540, 19.9877



48.9750, -5.4107, 8.7919



28.8970, -0.4422, 1.8443



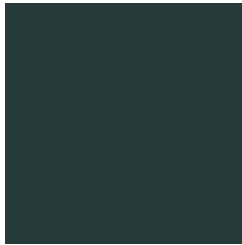
29.1320, -9.9251, 56.8892



68.7720, -23.5516, 134.3810

Previews

White Background



This preview shows how the YUV color 52.4930, 2.2220, -12.7104 looks on a white background.

Color Contrast Check

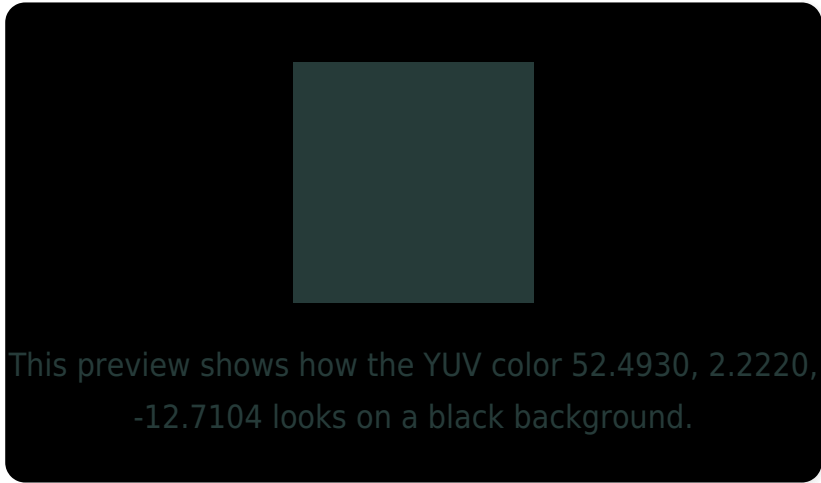
Large Text (above 18pt) WCAG AA ✓ Pass

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

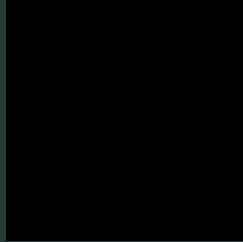
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4930, 2.2220, -12.7104

Background



This preview shows how black text looks on a background with the YUV color 52.4930, 2.2220, -12.7104.



This preview shows how white text looks on a background with the YUV color 52.4930, 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

52.4930, 2.2220, -12.7104

Protanopia

55.2990, -0.1474, 0.6148

Deuteranopia

55.3640, 1.2995, 3.1888



Tritanopia

52.8890, 4.9847, -12.1807

Trichromacy



Original Color

52.4930, 2.2220, -12.7104

Protanomaly

53.9070, 1.0318, -4.3034

Deuteranomaly

54.1460, 1.9000, -2.7590

Tritanomaly

52.6610, 4.1111, -11.9807

Monochromacy



Original Color

52.4930, 2.2220, -12.7104

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.4940, 0.7425, -4.8182

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4930, 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(38, 59, 57)` looks like.

```
.text, #text, p{  
    color:rgb(38, 59, 57)  
}
```

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(38, 59, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 59, 57) }
```

Border

The CSS property to change the border of an element to YUV 52.4930, 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(38, 59, 57) }
```


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

```
.border{ border-color:rgb(38, 59, 57) }
```

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

Here you see how a box with a 4 pixel rgb(38, 59, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 59, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 59, 57);  
box-shadow:4px 4px 4px 4px rgb(38, 59, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4930, 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(38, 59, 57) }
```

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

```
.background{ background-color: rgb(38, 59,  
57) }
```

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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