

Converting Colors

YUV(55.1310, -5.4876, -13.2699)

Have a look what the booklet for
YUV(55.1310, -5.4876, -13.2699)
contains.

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Color

**YUV(55.1310, -5.4876,
-13.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	28412C
RGB	40, 65, 44
RGB Percent	16%, 25%, 17%
CMY	0.8431, 0.7451, 0.8275
CMYK	0.38, 0.00, 0.32, 0.75
HSL	130°, 24%, 21%
HSV	130°, 38%, 25%
XYZ	3.2200, 4.4136, 3.0651
YIQ	55.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

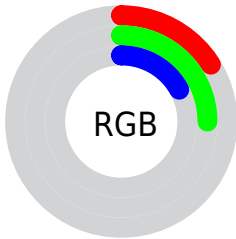
Format	Color
RYB	40, 62, 65
Decimal	2638124
CIELab	24.99, -14.91, 9.84
CIELCh	25, 17.866, 146.582
Yxy	4.4136, 0.3010, 0.4125
Android (android.graphics.Color)	4280828204 (0xFF28412C)
YUV	55.1310, -5.4876, -13.2699
Hunter-Lab	21.0085, -9.4059, 6.0557

Details

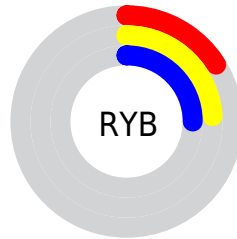
The YUV color **55.1310, -5.4876, -13.2699** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.8690, 5.4876, 13.2699**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3050, -6.0664, -14.2995**, and **13.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **52.4680, -6.6397, -17.0734**, and if you desaturate by 10%, it is **57.7940, -4.3354, -9.4663**.

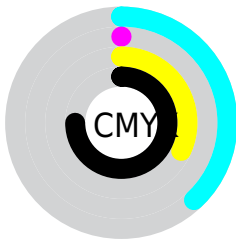
Distribution



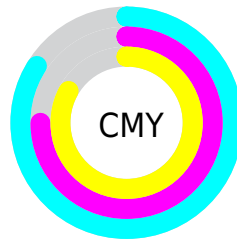
- Red (16%)
- Green (25%)
- Blue (17%)



- Red (16%)
- Yellow (24%)
- Blue (25%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1310, -5.4876, -13.2699 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 55.1310, -5.4876, -13.2699 by changing the saturation by 10% instead.

■ 55.1310, -5.4876,
-13.2699

■ 55.1310, -5.4876,
-13.2699

255.0000, 0.0000,
0.0000

■ 33.2450, -5.0508,
-13.3699

■ 102.3050, -6.0664,
-14.2995

■ 13.5010, -6.6560,
-11.8404

■ 127.7780, -6.7926,
-14.7143

■ 0.0000, 0.0000,
0.0000

■ 153.4790, -6.6451,
-15.3291

■ 180.3650, -7.0819,
-15.2291

■ 207.9520, -7.3713,
-15.7439

■ 236.5390, -7.6607,

-16.2587

252.0380, -1.0047,
-4.4183

55.1310, -5.4876,
-13.2699

55.1310, -5.4876,
-13.2699

52.4680, -6.6397,
-17.0734

57.7940, -4.3354,
-9.4663

49.9900, -8.3761,
-20.1622

60.2720, -2.5991,
-6.3775

47.6260, -9.6756,
-23.3510

62.9350, -1.4470,
-2.5740

44.8490, -11.2646,
-27.0546

65.4130, 0.2894,
0.5148

42.4850, -12.5641,
-30.2433

68.0760, 1.4415,
4.3183

■ 39.7080, -14.1530,
-33.9469

■ 70.5540, 3.1779,
7.4071

■ 39.2950, -14.4424,
-34.4617

■ 73.2170, 4.3300,
11.2107

■ 75.6950, 6.0664,
14.2995

■ 78.0590, 7.3659,
17.4883

Harmonies

Analogous

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



57.1280, -10.9091, -0.9893



55.1310, -5.4876, -13.2699



51.8180, 2.5547, -26.1504

Triad

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



55.1310, -5.4876, -13.2699



56.6740, 14.4577, -17.2541



60.2370, -6.0328, 21.7172

Complementary

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



55.1310, -5.4876, -13.2699



49.8690, 5.4876, 13.2699

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.



60.8330, 0.0823, 20.3175



55.1310, -5.4876, -13.2699



59.9750, 11.3513, -0.8551

Square

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



55.1310, -5.4876, -13.2699



51.2760, 14.6539, -33.5681



61.3850, 6.2192, 11.9404



59.2490, -10.9688, 18.1986

Rectangle

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



55.1310, -5.4876, -13.2699



49.6580, 8.5496, -35.6571



61.3850, 6.2192, 11.9404



60.4050, -4.1437, 22.4468

Sweetspot

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



55.1310, -5.4876, -13.2699



80.0980, -2.0203, -5.3479



60.9540, -10.3303, 0.0403



40.6360, -1.2995, -3.1888



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



55.1310, -5.4876, -13.2699



68.6910, -8.2287, -20.7770



56.4990, -0.2460, -14.4696



31.7610, -0.8682, -1.5444



58.7630, -21.0822, -51.5352



135.5920, -49.0989, -118.9142

Inverse Universe

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



49.8690, 5.4876, 13.2699



60.4230, 8.6655, 20.6770



48.5010, 0.2460, 14.4696



31.2390, 0.8682, 1.5444



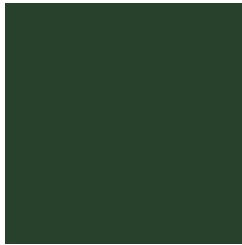
38.2370, 21.0822, 51.5352



88.4080, 49.0989, 118.9142

Previews

White Background



This preview shows how the YUV color 55.1310, -5.4876, -13.2699 looks on a white background.

Color Contrast Check

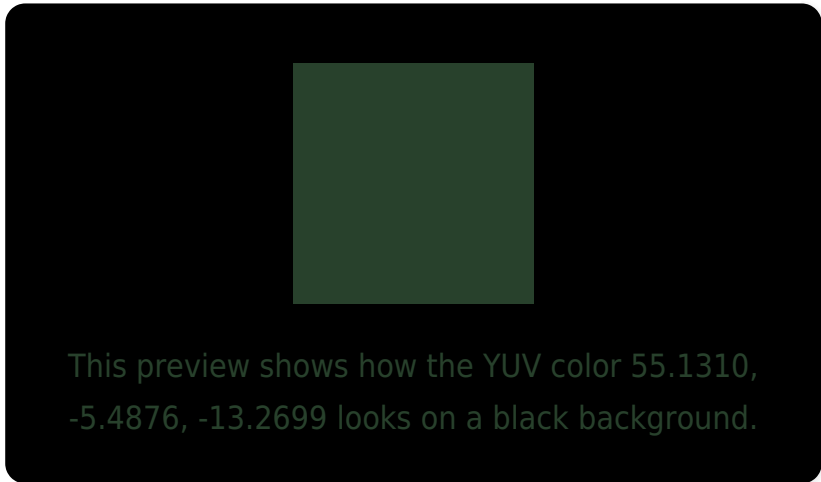
Large Text (above 18pt) WCAG AA ✓ Pass

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

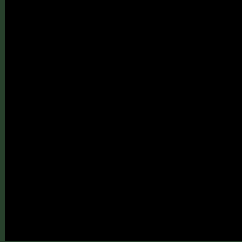
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.1310, -5.4876, -13.2699

Background



This preview shows how black text looks on a background with the YUV color 55.1310, -5.4876, -13.2699.



This preview shows how white text looks on a background with the YUV color 55.1310, -5.4876,

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

55.1310, -5.4876, -13.2699

Protanopia

58.4430, -8.5994, 4.8735

Deuteranopia

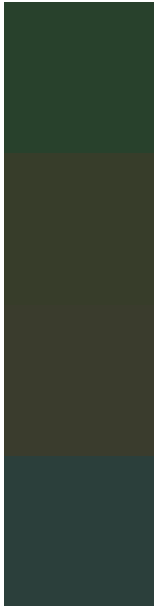
59.3340, -6.5737, 8.4771



Tritanopia

57.4870, 4.6899, -10.9511

Trichromacy



Original Color

55.1310, -5.4876, -13.2699

Protanomaly

57.0400, -7.4147, -1.7891

Deuteranomaly

57.6920, -6.2572, 0.2701

Tritanomaly

56.5640, 1.2009, -11.8956

Monochromacy



Original Color

55.1310, -5.4876, -13.2699

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3970, -2.1677, -4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1310, -5.4876, -13.2699 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(40, 65, 44)` looks like.

```
.text, #text, p{  
    color:rgb(40, 65, 44)  
}
```

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(40, 65, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 65, 44) }
```

Border

The CSS property to change the border of an element to YUV 55.1310, -5.4876, -13.2699 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(40, 65, 44) }
```


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

```
.border{ border-color:rgb(40, 65, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 65, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 65, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 65, 44);  
box-shadow:4px 4px 4px 4px rgb(40, 65, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.1310, -5.4876, -13.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 65, 44) }
```

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

```
.background{ background-color: rgb(40, 65,  
44) }
```

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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