

Converting Colors

YUV(53.1420, -5.4930, -11.5255)

Have a look what the booklet for
YUV(53.1420, -5.4930, -11.5255)
contains.

YUV(53.1420, -5.4930, -11.5255)	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(53.1420, -5.4930,
-11.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	283E2A
RGB	40, 62, 42
RGB Percent	16%, 24%, 16%
CMY	0.8431, 0.7569, 0.8353
CMYK	0.35, 0.00, 0.32, 0.76
HSL	125°, 22%, 20%
HSV	125°, 35%, 24%
XYZ	3.0156, 4.0635, 2.8159
YIQ	53.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

Format	Color
RYB	40, 60, 62
Decimal	2637354
CIELab	23.88, -13.61, 9.61
CIElCh	24, 16.663, 144.761
Yxy	4.0635, 0.3048, 0.4107
Android (android.graphics.Color)	4280827434 (0xFF283E2A)
YUV	53.1420, -5.4930, -11.5255
Hunter-Lab	20.1582, -8.5737, 5.8286

Details

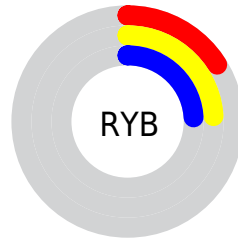
The YUV color **53.1420, -5.4930, -11.5255** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48.8580, 5.4930, 11.5255**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2020, -6.5086, -12.4552**, and **12.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **50.6640, -7.2294, -14.6143**, and if you desaturate by 10%, it is **55.6200, -3.7567, -8.4367**.

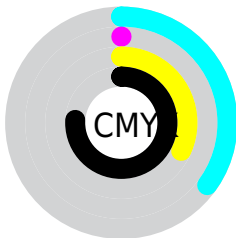
Distribution



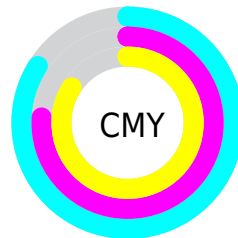
- Red (16%)
- Green (24%)
- Blue (16%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1420, -5.4930, -11.5255 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 53.1420, -5.4930, -11.5255 by changing the saturation by 10% instead.

■ 53.1420, -5.4930,
-11.5255

■ 53.1420, -5.4930,
-11.5255

255.0000, 0.0000,
0.0000

■ 31.5550, -5.2036,
-11.0107

■ 100.2020, -6.5086,
-12.4552

■ 12.3270, -6.0772,
-10.8108

■ 125.2020, -6.5086,
-12.4552

■ 0.0000, 0.0000,
0.0000

■ 150.7890, -6.7980,
-12.9700

■ 177.4900, -6.6506,
-13.5847

■ 205.3760, -7.0874,
-13.4848

■ 233.5500, -7.6661,

-14.5143

251.3970, -2.1677,
-4.7332

53.1420, -5.4930,
-11.5255

53.1420, -5.4930,
-11.5255

50.6640, -7.2294,
-14.6143

55.6200, -3.7567,
-8.4367

48.3000, -8.5289,
-17.8031

57.9840, -2.4571,
-5.2480

45.5230, -10.1178,
-21.5067

60.7610, -0.8682,
-1.5444

43.0450, -11.8542,
-24.5955

63.2390, 0.8682,
1.5444

40.6810, -13.1537,
-27.7842

65.6030, 2.1677,
4.7332

■ 38.2030, -14.8901,
-30.8730

■ 68.0810, 3.9041,
7.8220

■ 37.0780, -15.3215,
-32.5174

■ 70.4450, 5.2036,
11.0107

■ 73.2220, 6.7926,
14.7143

■ 75.7000, 8.5289,
17.8031

Harmonies

Analogous

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



54.9540, -10.3303, 0.0403



53.1420, -5.4930, -11.5255



50.3130, 1.8177, -23.0765

Triad

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



53.1420, -5.4930, -11.5255



54.3320, 13.1473, -16.9542



57.7530, -5.3012, 20.3876

Complementary

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



53.1420, -5.4930, -11.5255



48.8580, 5.4930, 11.5255

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.



58.0500, 0.9614, 18.3732



53.1420, -5.4930, -11.5255



57.1490, 10.7725, -1.8847

Square

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



53.1420, -5.4930, -11.5255



49.6570, 13.4801, -30.3942



58.6730, 6.0772, 10.8108



57.1780, -9.9478, 17.3839

Rectangle

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



53.1420, -5.4930, -11.5255



48.9360, 6.9336, -30.6389



58.6730, 6.0772, 10.8108



57.6220, -3.2646, 20.5025

Sweetspot

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



53.1420, -5.4930, -11.5255



78.2830, -2.6045, -4.6332



58.8940, -9.3147, 0.9700



38.6360, -1.2995, -3.1888



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



53.1420, -5.4930, -11.5255



67.8870, -8.8183, -18.3179



54.3960, -0.6882, -12.6253



29.7610, -0.8682, -1.5444



56.2040, -23.2716, -49.2909



132.5940, -55.5088, -116.2849

Inverse Universe

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



48.8580, 5.4930, 11.5255



60.9990, 8.3815, 18.4179



47.6040, 0.6882, 12.6253



29.1250, 0.4314, 1.6444



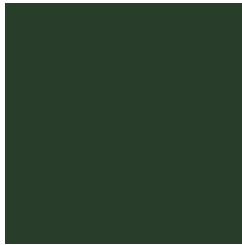
37.9100, 23.7084, 49.1909



89.4060, 55.5088, 116.2849

Previews

White Background



This preview shows how the YUV color 53.1420, -5.4930, -11.5255 looks on a white background.

Color Contrast Check

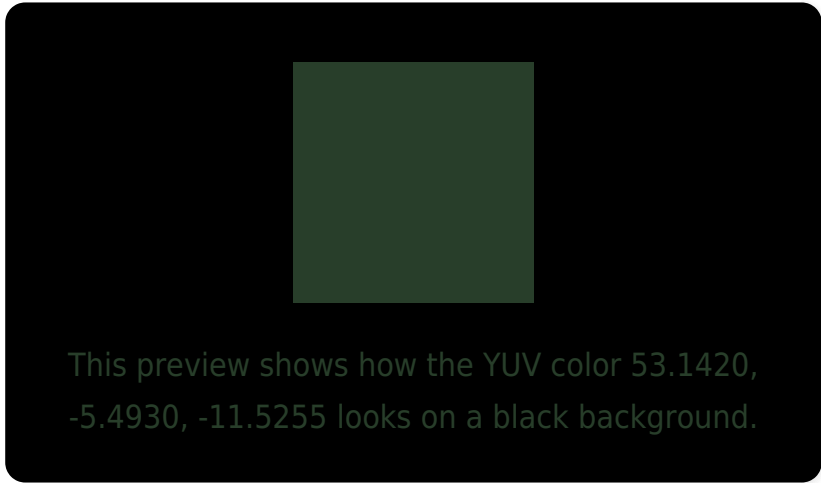
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.1420, -5.4930, -11.5255

Background



This preview shows how black text looks on a background with the YUV color 53.1420, -5.4930, -11.5255.



This preview shows how white text looks on a background with the YUV color 53.1420, -5.4930,

-11.5255.

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

53.1420, -5.4930, -11.5255

Protanopia

56.2580, -8.0152, 4.1587

Deuteranopia

56.4480, -6.1369, 8.3771



Tritanopia

55.0850, 4.3951, -9.7215

Trichromacy



Original Color

53.1420, -5.4930, -11.5255

Protanomaly

55.1540, -6.9779, -1.8891

Deuteranomaly

55.4040, -6.1152, 1.3997

Tritanomaly

54.4610, 0.7587, -10.0513

Monochromacy



Original Color

53.1420, -5.4930, -11.5255

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8100, -1.8783, -4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1420, -5.4930, -11.5255 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, 62, 42)` looks like.

```
.text, #text, p{  
    color:rgb(40, 62, 42)  
}
```

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, 62, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 62, 42) }
```

Border

The CSS property to change the border of an element to YUV 53.1420, -5.4930, -11.5255 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, 62, 42) }
```


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

```
.border{ border-color:rgb(40, 62, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 62, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 62, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 62, 42);  
box-shadow:4px 4px 4px 4px rgb(40, 62, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.1420, -5.4930, -11.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 62, 42) }
```

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

```
.background{ background-color: rgb(40, 62,  
42) }
```

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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