

Converting Colors

YUV(55.8570, -20.1425,
-26.1846)

Have a look what the booklet for
YUV(55.8570, -20.1425, -26.1846)
contains.

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Color

**YUV(55.8570, -20.1425,
-26.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	1A4F0F
RGB	26, 79, 15
RGB Percent	10%, 31%, 6%
CMY	0.8980, 0.6902, 0.9412
CMYK	0.67, 0.00, 0.81, 0.69
HSL	110°, 68%, 18%
HSV	110°, 81%, 31%
XYZ	3.3082, 5.8461, 1.4060
YIQ	55.8570, -11.0440, -31.1400

Conversions

Conversions Part 2

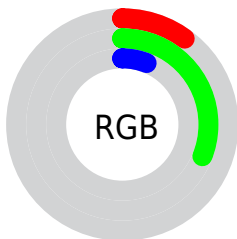
Format	Color
R_{YB}	15, 79, 68
Decimal	1724175
CIE _{Lab}	29.02, -30.80, 30.70
CIE _{LCh}	29, 43.491, 135.096
Yxy	5.8461, 0.3133, 0.5536
Android (android.graphics.Color)	4279914255 (0xFF1A4F0F)
YUV	55.8570, -20.1425, -26.1846
Hunter-Lab	24.1786, -17.8896, 13.4774

Details

The YUV color **55.8570, -20.1425, -26.1846** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **38.1430, 20.1425, 26.1846**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8140, -21.6003, -25.2699**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **52.8520, -22.6050, -29.6882**, and if you desaturate by 10%, it is **58.8620, -17.6800, -22.6810**.

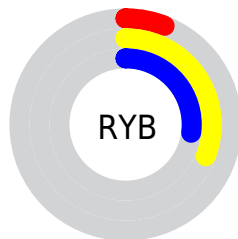
Distribution



Red (10%)

Green (31%)

Blue (6%)



Red (6%)

Yellow (31%)

Blue (27%)

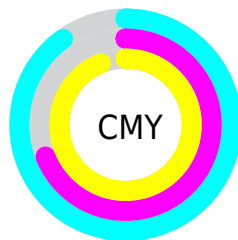


Cyan (67%)

Magenta (0%)

Yellow (81%)

Black (69%)



Cyan (90%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8570, -20.1425, -26.1846 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 55.8570, -20.1425, -26.1846 by changing the saturation by 10% instead.

■ 55.8570, -20.1425,
-26.1846

■ 55.8570, -20.1425,
-26.1846

■ 254.2020, -3.0576,
0.6998

■ 32.8720, -16.2059,
-28.8287

■ 105.8140,
-21.6003, -25.2699

■ 20.5450, -10.1287,
-18.0180

■ 131.5860,
-22.4739, -25.0699

■ 0.0000, 0.0000,
0.0000


■ 158.0590,
-23.2001, -25.4847


■ 185.5320,
-23.9263, -25.8996


■ 213.4180,
-24.3631, -25.7996


■ 234.8470,


-21.6166, -20.0368


 246.7100,
-13.6610, -5.0077


 55.8570, -20.1425,
-26.1846


 55.8570, -20.1425,
-26.1846


 52.8520, -22.6050,
-29.6882


 58.8620, -17.6800,
-22.6810

 50.5590, -24.9256,
-32.0622

 61.5680, -15.0700,
-19.7921

 64.5730, -12.6075,
-16.2885

 67.2790, -9.9975,
-13.3997

 70.1700, -7.9718,
-9.7961

■ 72.8760, -5.3619,
-6.9073

■ 75.8810, -2.8993,
-3.4036

■ 78.5870, -0.2894,
-0.5148

■ 81.5920, 2.1731,
2.9888

Harmonies

Analogous

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



62.5960, -30.8598, 4.7393



55.8570, -20.1425, -26.1846



53.8340, -1.8902, -47.2124

Triad

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



55.8570, -20.1425, -26.1846



60.4750, 36.2478, -53.0366



63.0980, -4.9783, 56.9191

Complementary

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



55.8570, -20.1425, -26.1846



38.1430, 20.1425, 26.1846

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.



66.3430, 10.1839, 47.0572



55.8570, -20.1425, -26.1846



60.8840, 36.0462, -34.9783

Square

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



55.8570, -20.1425, -26.1846



61.3580, 26.9385, -53.8110



70.3700, 22.4956, 18.0925



64.3900, -21.3913, 47.8930

Rectangle

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



55.8570, -20.1425, -26.1846



57.0430, 7.8668, -50.0267



70.3700, 22.4956, 18.0925



63.4660, 0.2633, 55.7193

Sweetspot

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



55.8570, -20.1425, -26.1846



93.2840, -7.5350, -9.8961



64.6600, -24.4824, 12.5762



45.7020, -4.7831, -5.8777



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.



55.8570, -20.1425, -26.1846



66.1960, -31.1556, -40.5139



54.8480, -9.7851, -34.9467



36.6470, -1.3050, -1.4444



65.2560, -32.1712, -41.4435



146.6710, -72.3088, -94.4275

Inverse Universe

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



38.1430, 20.1425, 26.1846



38.8040, 31.1556, 40.5139



39.1520, 9.7851, 34.9467



35.6520, 1.1576, 2.0592



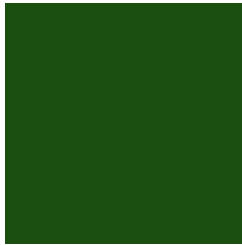
36.7440, 32.1712, 41.4435



83.0300, 72.4562, 93.8127

Previews

White Background



This preview shows how the YUV color 55.8570, -20.1425, -26.1846 looks on a white background.

Color Contrast Check

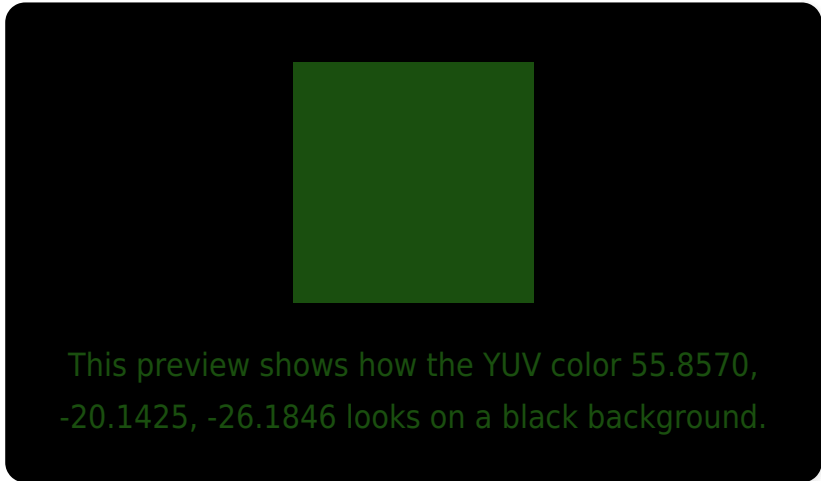
Large Text (above 18pt) WCAG AA ✓ Pass

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

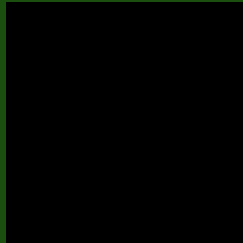
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8570, -20.1425, -26.1846

Background



This preview shows how black text looks on a background with the YUV color 55.8570, -20.1425, -26.1846.



This preview shows how white text looks on a background with the YUV color 55.8570, -20.1425, -26.1846.

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

55.8570, -20.1425, -26.1846

Protanopia

64.8940, -26.0767, 10.6170

Deuteranopia

66.3770, -21.8779, 17.2094



Tritanopia

64.7030, 7.0484, -20.7875

Trichromacy



Original Color

55.8570, -20.1425, -26.1846

Protanomaly

61.6750, -23.9968, -3.2230

Deuteranomaly

62.3920, -21.3923, 1.4102

Tritanomaly

61.7600, -2.8397, -22.5915

Monochromacy



Original Color

55.8570, -20.1425, -26.1846

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.6970, -7.2456, -9.3813

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8570, -20.1425, -26.1846 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(26, 79, 15)` looks like.

```
.text, #text, p{  
    color:rgb(26, 79, 15)  
}
```

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(26, 79, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 79, 15) }
```

Border

The CSS property to change the border of an element to YUV 55.8570, -20.1425, -26.1846 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(26, 79, 15) }
```


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

```
.border{ border-color:rgb(26, 79, 15) }
```

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

Here you see how a box with a 4 pixel rgb(26, 79, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 79, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 79, 15);  
box-shadow:4px 4px 4px 4px rgb(26, 79, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.8570, -20.1425, -26.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 79, 15) }
```

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

```
.background{ background-color: rgb(26, 79,  
15) }
```

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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