

Converting Colors

YUV(54.8520, -26.0560,
-42.8432)

Have a look what the booklet for
YUV(54.8520, -26.0560, -42.8432)
contains.

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Color

**YUV(54.8520, -26.0560,
-42.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	065A02
RGB	6, 90, 2
RGB Percent	2%, 35%, 1%
CMY	0.9765, 0.6471, 0.9922
CMYK	0.93, 0.00, 0.98, 0.65
HSL	117°, 96%, 18%
HSV	117°, 98%, 35%
XYZ	3.7422, 7.3554, 1.2799
YIQ	54.8520, -21.8160, -45.1760

Conversions

Conversions Part 2

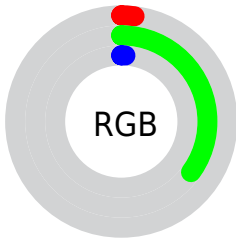
Format	Color
R_{YB}	2, 90, 86
Decimal	416258
CIE _{Lab}	32.60, -39.40, 38.32
CIE _{LCh}	33, 54.961, 135.791
Yxy	7.3554, 0.3023, 0.5943
Android (android.graphics.Color)	4278606338 (0xFF065A02)
YUV	54.8520, -26.0560, -42.8432
Hunter-Lab	27.1209, -22.8316, 16.1865

Details

The YUV color **54.8520, -26.0560, -42.8432** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **37.1480, 26.0560, 42.8432**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2660, -27.2461, -34.4363**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **54.0260, -26.6348, -43.8728**, and if you desaturate by 10%, it is **58.5690, -23.4515, -38.2100**.

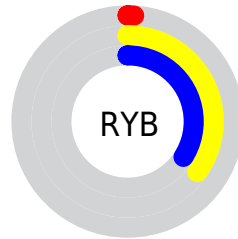
Distribution



Red (2%)

Green (35%)

Blue (1%)



Red (1%)

Yellow (35%)

Blue (34%)

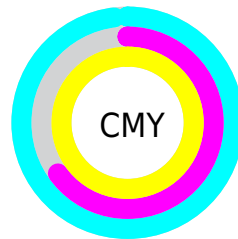


Cyan (93%)

Magenta (0%)

Yellow (98%)

Black (65%)



Cyan (98%)


Magenta (65%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 54.8520, -26.0560, -42.8432 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 54.8520, -26.0560, -42.8432 by changing the saturation by 10% instead.


 54.8520, -26.0560,
-42.8432


 54.8520, -26.0560,
-42.8432


 253.5180, -5.6784,
1.2997


 38.7420, -19.0998,
-33.9767

 110.2660,
-27.2461, -34.4363


 25.2410, -12.4438,
-22.1364


 136.7390,
-27.9723, -34.8511

 9.9790, -4.9196,
-8.7516

 163.8100,
-28.9933, -34.0364


 0.0000, 0.0000,
0.0000


 191.8700,
-30.0089, -34.9660


 219.7560,
-30.4457, -34.8660


 232.9670,


-23.6477, -21.8961


 245.1290,
-15.8396, -6.2521


 54.8520, -26.0560,
-42.8432


 54.8520, -26.0560,
-42.8432


 54.0260, -26.6348,
-43.8728

 58.5690, -23.4515,
-38.2100

 61.9870, -20.6996,
-34.1916

 65.7040, -18.0951,
-29.5584

 69.1220, -15.3431,
-25.5400

 72.8390, -12.7386,
-20.9068

■ 76.5560, -10.1341,
-16.2736

■ 79.9740, -7.3822,
-12.2552

■ 83.6910, -4.7777,
-7.6220

■ 87.1090, -2.0257,
-3.6036

Harmonies

Analogous

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



69.9610, -34.4908, 2.6652



54.8520, -26.0560, -42.8432



61.3340, -3.6157, -53.7899

Triad

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



54.8520, -26.0560, -42.8432



70.0100, 44.8581, -61.3988



62.6860, -3.2962, 77.4514

Complementary

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



54.8520, -26.0560, -42.8432



37.1480, 26.0560, 42.8432

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.



68.4190, 15.0764, 64.5305



54.8520, -26.0560, -42.8432



61.7920, 48.9095, -54.1916

Square

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



54.8520, -26.0560, -42.8432



70.9100, 33.0754, -62.1881



77.9500, 29.6046, 24.5998



69.1590, -27.6864, 60.3736

Rectangle

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



54.8520, -26.0560, -42.8432



65.3410, 9.1989, -57.3041



77.9500, 29.6046, 24.5998



61.9340, 3.9765, 78.1109

Sweetspot

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



54.8520, -26.0560, -42.8432



103.5560, -10.1341, -16.2736



77.6200, -37.2807, 10.8573



50.6260, -6.2246, -10.1960



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



54.8520, -26.0560, -42.8432



70.1740, -34.5958, -57.1576



58.2160, -7.9945, -49.3014



44.2340, -1.5944, -1.9592



66.0650, -32.5700, -53.5540



142.4080, -70.2071, -115.2448

Inverse Universe

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



37.1480, 26.0560, 42.8432



46.8260, 34.5958, 57.1576



33.7840, 7.9945, 49.3014



43.0650, 1.4470, 2.5740



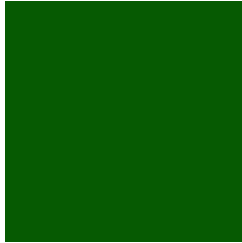
43.9350, 32.5700, 53.5540



94.5920, 70.2071, 115.2448

Previews

White Background



This preview shows how the YUV color 54.8520, -26.0560, -42.8432 looks on a white background.

Color Contrast Check

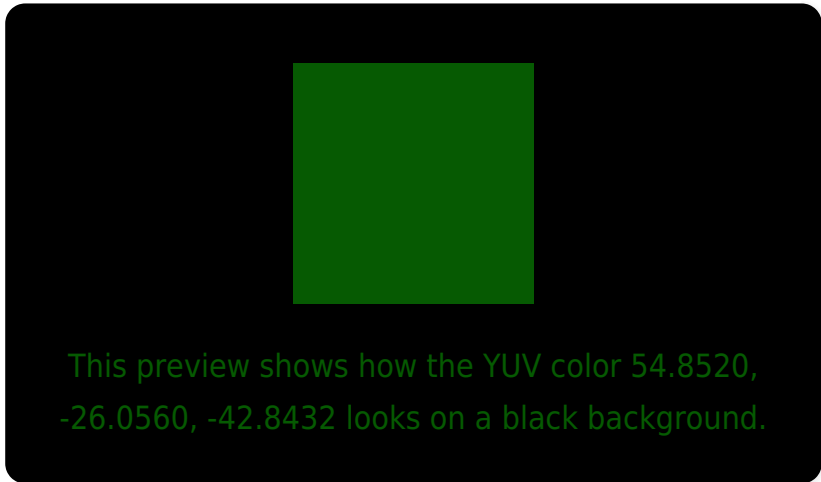
Large Text (above 18pt) WCAG AA ✓ Pass

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

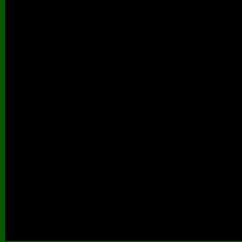
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8520, -26.0560, -42.8432

Background



This preview shows how black text looks on a background with the YUV color 54.8520, -26.0560, -42.8432.



This preview shows how white text looks on a background with the YUV color 54.8520, -26.0560,

-42.8432.

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

54.8520, -26.0560, -42.8432

Protanopia

71.2120, -35.1075, 13.8461

Deuteranopia

74.1340, -26.6881, 20.0535



Tritanopia

70.9300, 9.4015, -28.8796

Trichromacy



Original Color

54.8520, -26.0560, -42.8432

Protanomaly

65.5900, -31.8429, -6.6564

Deuteranomaly

66.9910, -26.6176, -2.6231

Tritanomaly

64.8680, -3.3859, -34.0872

Monochromacy



Original Color

54.8520, -26.0560, -42.8432

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0830, -9.4079, -15.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8520, -26.0560, -42.8432 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(6, 90, 2)` looks like.

```
.text, #text, p{  
    color:rgb(6, 90, 2)  
}
```

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(6, 90, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 90, 2) }
```

Border

The CSS property to change the border of an element to YUV 54.8520, -26.0560, -42.8432 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(6, 90, 2) }
```


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

```
.border{ border-color:rgb(6, 90, 2) }
```

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

Here you see how a box with a 4 pixel rgb(6, 90, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 90, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 90, 2); box-shadow:4px  
4px 4px 4px rgb(6, 90, 2) }
```

Background

The CSS property to change the background color of an element to YUV 54.8520, -26.0560, -42.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 90, 2) }
```

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

```
.background{ background-color: rgb(6, 90,  
2) }
```

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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