

Converting Colors

YUV(51.4560, -18.4658, -3.9079)

Have a look what the booklet for
YUV(51.4560, -18.4658, -3.9079)
contains.

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Color

**YUV(51.4560, -18.4658,
-3.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3D0E
RGB	47, 61, 14
RGB Percent	18%, 24%, 5%
CMY	0.8157, 0.7608, 0.9451
CMYK	0.23, 0.00, 0.77, 0.76
HSL	78°, 63%, 15%
HSV	78°, 77%, 24%
XYZ	2.9203, 3.9735, 1.0285
YIQ	51.4560, 6.7430, -17.5850

Conversions

Conversions Part 2

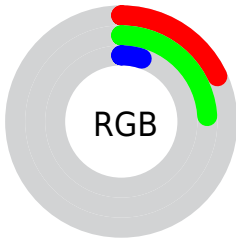
Format	Color
R_{YB}	14, 61, 28
Decimal	3095822
CIE Lab	23.58, -14.02, 25.97
CIE LCh	24, 29.511, 118.357
Yxy	3.9735, 0.3686, 0.5016
Android (android.graphics.Color)	4281285902 (0xFF2F3D0E)
YUV	51.4560, -18.4658, -3.9079
Hunter-Lab	19.9337, -8.7337, 10.8944

Details

The YUV color **51.4560, -18.4658, -3.9079** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.5440, 18.4658, 3.9079**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5270, -19.4868, -3.0932**, and **11.7400, -5.7878, -10.2960** is the 20% darker color. If you saturate the color by 10%, you get **50.1740, -20.7918, -4.5376**, and if you desaturate by 10%, it is **52.7380, -16.1398, -3.2782**.

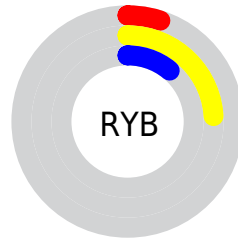
Distribution



Red (18%)

Green (24%)

Blue (5%)



Red (5%)

Yellow (24%)

Blue (11%)

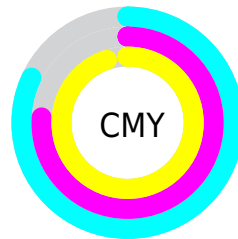


Cyan (23%)

Magenta (0%)

Yellow (77%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4560, -18.4658, -3.9079 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 51.4560, -18.4658, -3.9079 by changing the saturation by 10% instead.

■ 51.4560, -18.4658,
-3.9079

■ 51.4560, -18.4658,
-3.9079

■ 253.5180, -5.6784,
1.2997

■ 30.6670, -15.1188,
-4.0930

■ 98.5270, -19.4868,
-3.0932

■ 11.7400, -5.7878,
-10.2960

■ 123.8860,
-20.6498, -3.4080

■ 0.0000, 0.0000,
0.0000

■ 149.7720,
-21.0866, -3.3080


■ 176.6580,
-21.5234, -3.2081


■ 204.4300,
-22.3970, -3.0081


■ 232.3160,


-22.8338, -2.9081


 250.3260,
-17.9087, 4.0991


 51.4560, -18.4658,
-3.9079


 51.4560, -18.4658,
-3.9079


 50.1740, -20.7918,
-4.5376


 52.7380, -16.1398,
-3.2782


 48.8920, -23.1178,
-5.1673

 54.0200, -13.8139,
-2.6485

 48.6640, -23.9914,
-4.9673

 55.0030, -11.3405,
-2.6336

 56.2850, -9.0145,
-2.0039

 57.6810, -6.2517,
-1.4742

■ 58.9630, -3.9258,
-0.8446

■ 60.2450, -1.5998,
-0.2149

■ 61.5270, 0.7262,
0.4148

■ 62.5100, 3.1996,
0.4297

Harmonies

Analogous

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



53.8280, -22.5932, 13.3058



51.4560, -18.4658, -3.9079



46.2880, -7.0440, -27.4396

Triad

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



51.4560, -18.4658, -3.9079



48.1700, 22.1012, -42.2451



56.1490, 0.9125, 34.0723

Complementary

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



51.4560, -18.4658, -3.9079



23.5440, 18.4658, 3.9079

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.



57.7050, 10.9914, 21.3067



51.4560, -18.4658, -3.9079



46.0330, 26.6057, -40.3709

Square

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



51.4560, -18.4658, -3.9079



48.1070, 14.2442, -42.1898



56.9130, 18.7769, -2.5547



54.8150, -9.2758, 35.2422

Rectangle

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



51.4560, -18.4658, -3.9079



44.1000, 1.4297, -38.6757



56.9130, 18.7769, -2.5547



56.7510, 4.5598, 30.9134

Sweetspot

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



51.4560, -18.4658, -3.9079



75.4530, -7.1253, -1.2743



35.6840, -10.6902, 22.2021



38.4360, -4.6519, -1.2594



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.



51.4560, -18.4658, -3.9079



64.1000, -28.6433, -6.2267



44.5790, -15.0754, -18.0478



30.3590, -1.1630, -0.3148



74.9120, -36.9316, -7.8158



176.9580, -87.2403, -18.3802

Inverse Universe

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



23.5440, 18.4658, 3.9079



20.9000, 28.6433, 6.2267



30.4210, 15.0754, 18.0478



28.3420, 1.3104, -0.2999



19.0880, 36.9316, 7.8158



45.0420, 87.2403, 18.3802

Previews

White Background



This preview shows how the YUV color 51.4560, -18.4658, -3.9079 looks on a white background.

Color Contrast Check

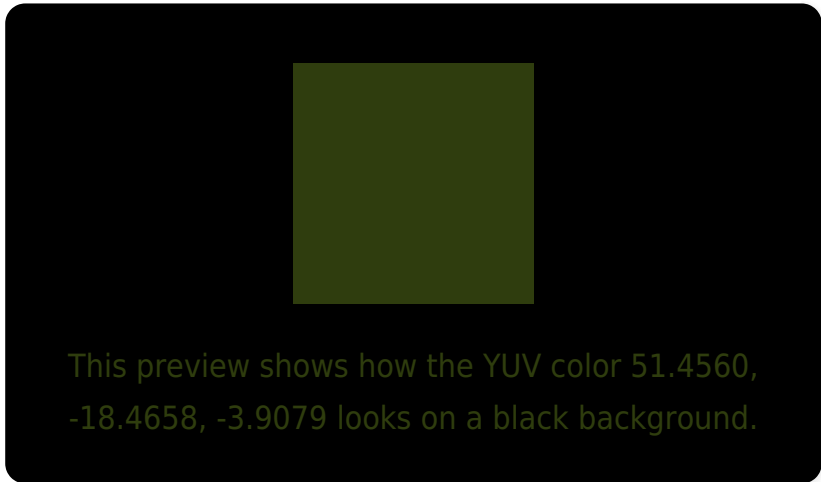
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4560, -18.4658, -3.9079

Background



This preview shows how black text looks on a background with the YUV color 51.4560, -18.4658, -3.9079.



This preview shows how white text looks on a background with the YUV color 51.4560, -18.4658,

-3.9079.

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

51.4560, -18.4658, -3.9079

Protanopia

53.1910, -19.8142, 8.6025

Deuteranopia

53.9790, -18.2306, 14.0504



Tritanopia

55.9610, 2.4842, -3.4738

Trichromacy



Original Color

51.4560, -18.4658, -3.9079

Protanomaly

52.5710, -19.5085, 3.8842

Deuteranomaly

53.2340, -18.3564, 7.6878

Tritanomaly

54.0120, -4.9359, -3.5185

Monochromacy



Original Color

51.4560, -18.4658, -3.9079

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.5670, -6.6885, -1.3743

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4560, -18.4658, -3.9079 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(47, 61, 14)` looks like.

```
.text, #text, p{  
    color:rgb(47, 61, 14)  
}
```

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(47, 61, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 61, 14) }
```

Border

The CSS property to change the border of an element to YUV 51.4560, -18.4658, -3.9079 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(47, 61, 14) }
```


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

```
.border{ border-color:rgb(47, 61, 14) }
```

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

Here you see how a box with a 4 pixel rgb(47, 61, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 61, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 61, 14);  
box-shadow:4px 4px 4px 4px rgb(47, 61, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4560, -18.4658, -3.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 61, 14) }
```

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

```
.background{ background-color: rgb(47, 61,  
14) }
```

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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