

Converting Colors

YUV(78.7550, -18.6132, -3.2931)

Have a look what the booklet for
YUV(78.7550, -18.6132, -3.2931)
contains.

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Color

**YUV(78.7550, -18.6132,
-3.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5829
RGB	75, 88, 41
RGB Percent	29%, 35%, 16%
CMY	0.7059, 0.6549, 0.8392
CMYK	0.15, 0.00, 0.53, 0.65
HSL	77°, 36%, 25%
HSV	77°, 53%, 35%
XYZ	6.7916, 8.6354, 3.4067
YIQ	78.7550, 7.3390, -17.3730

Conversions

Conversions Part 2

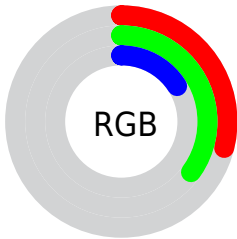
Format	Color
R_{YB}	41, 88, 54
Decimal	4937769
CIE Lab	35.27, -13.52, 25.38
CIE LCh	35, 28.756, 118.045
Yxy	8.6354, 0.3606, 0.4585
Android (android.graphics.Color)	4283127849 (0xFF4B5829)
YUV	78.7550, -18.6132, -3.2931
Hunter-Lab	29.3860, -10.1712, 13.6969

Details

The YUV color **78.7550, -18.6132, -3.2931** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50.2450, 18.6132, 3.2931**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4130, -19.9236, -2.9932**, and **33.9230, -16.7240, -2.5635** is the 20% darker color. If you saturate the color by 10%, you get **77.1310, -22.2496, -3.6229**, and if you desaturate by 10%, it is **80.3790, -14.9768, -2.9634**.

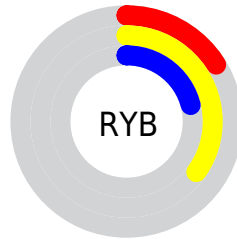
Distribution



Red (29%)

Green (35%)

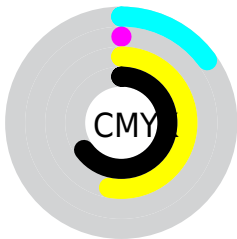
Blue (16%)



Red (16%)

Yellow (35%)

Blue (21%)

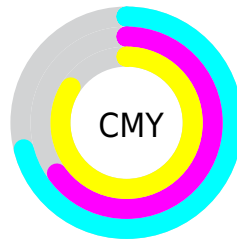


Cyan (15%)

Magenta (0%)

Yellow (53%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7550, -18.6132, -3.2931 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 78.7550, -18.6132, -3.2931 by changing the saturation by 10% instead.

■ 78.7550, -18.6132,
-3.2931

■ 78.7550, -18.6132,
-3.2931

255.0000, 0.0000,
0.0000

■ 55.5700, -18.0290,
-4.0079

■ 128.4130,
-19.9236, -2.9932

■ 33.9230, -16.7240,
-2.5635

■ 154.1850,
-20.7972, -2.7932

■ 13.5010, -6.6560,
-11.8404

■ 181.0710,
-21.2340, -2.6933

■ 0.0000, 0.0000,
0.0000

■ 208.9570,
-21.6708, -2.5933

■ 237.4300,
-22.3970, -3.0081

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

■ 78.7550, -18.6132,
-3.2931

■ 78.7550, -18.6132,
-3.2931

■ 77.1310, -22.2496,
-3.6229

■ 80.3790, -14.9768,
-2.9634

■ 75.2080, -25.7385,
-4.5674

■ 82.3020, -11.4879,
-2.0189

■ 73.6980, -28.9381,
-4.9971

■ 83.8120, -8.2883,
-1.5891

■ 71.7750, -32.4271,
-5.9417

■ 85.7350, -4.7994,
-0.6446

■ 70.7920, -34.9005,
-5.9566

■ 87.3590, -1.1630,
-0.3148

■ 89.2820, 2.3260,
0.6297

■ 90.9060, 5.9623,
0.9594

■ 92.4160, 9.1619,
1.3892

■ 94.3390, 12.6509,
2.3337

Harmonies

Analogous

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



80.9530, -22.1618, 14.9502



78.7550, -18.6132, -3.2931



74.6690, -8.2178, -24.2657

Triad

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



78.7550, -18.6132, -3.2931



67.7980, 26.2286, -59.4588



84.3340, 0.3283, 34.7871

Complementary

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



78.7550, -18.6132, -3.2931



50.2450, 18.6132, 3.2931

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.



85.7050, 10.9914, 21.3067



78.7550, -18.6132, -3.2931



76.8490, 25.7104, -33.1936

Square

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



78.7550, -18.6132, -3.2931



67.0340, 18.2242, -58.7888



84.3260, 19.0663, -2.0399



83.5980, -10.1548, 37.1866

Rectangle

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



78.7550, -18.6132, -3.2931



68.8820, 2.0302, -44.6235



84.3260, 19.0663, -2.0399



84.9360, 3.9756, 31.6281

Sweetspot

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



78.7550, -18.6132, -3.2931



111.3390, -7.5621, -1.1743



62.6840, -10.6902, 22.2021



56.8490, -4.3626, -0.7446



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.



78.7550, -18.6132, -3.2931



100.2850, -29.2275, -5.5119



71.8780, -15.2229, -17.4330



42.2450, -1.5998, -0.2149



85.8320, -42.3152, -7.7457



188.7750, -93.0661, -16.4657

Inverse Universe

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



50.2450, 18.6132, 3.2931



55.7150, 29.2275, 5.5119



57.1220, 15.2229, 17.4330



39.7550, 1.5998, 0.2149



21.1680, 42.3152, 7.7457



46.2250, 93.0661, 16.4657

Previews

White Background



This preview shows how the YUV color 78.7550, -18.6132, -3.2931 looks on a white background.

Color Contrast Check

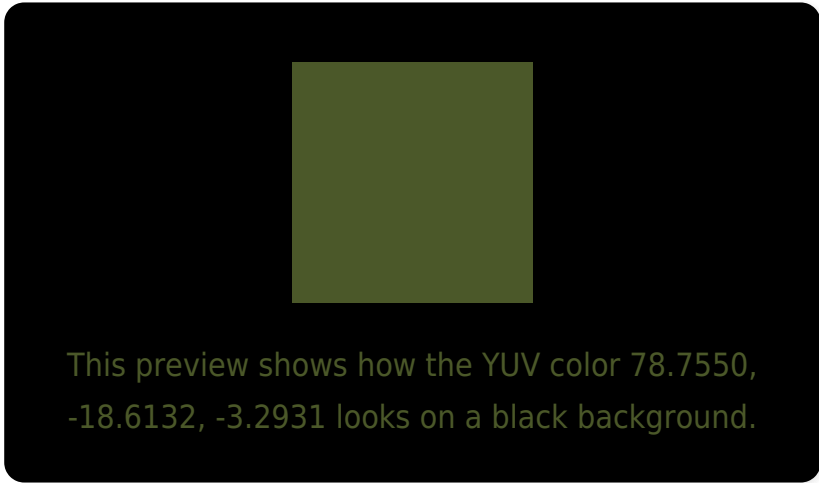
Large Text (above 18pt) WCAG AA ✓ Pass

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

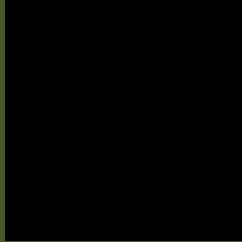
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7550, -18.6132, -3.2931

Background



This preview shows how black text looks on a background with the YUV color 78.7550, -18.6132, -3.2931.



This preview shows how white text looks on a background with the YUV color 78.7550, -18.6132, -3.2931.

-3.2931.

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

78.7550, -18.6132, -3.2931

Protanopia

80.6750, -20.5458, 9.9320

Deuteranopia

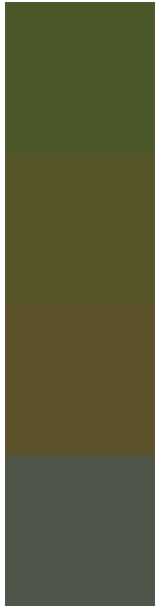
81.7730, -19.1151, 17.7391



Tritanopia

83.0860, 2.9156, -1.8294

Trichromacy



Original Color

78.7550, -18.6132, -3.2931

Protanomaly

80.1690, -19.8033, 5.1138

Deuteranomaly

80.4300, -18.9460, 10.1469

Tritanomaly

81.7240, -4.7939, -2.3889

Monochromacy



Original Color

78.7550, -18.6132, -3.2931

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8660, -6.8359, -0.7595

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7550, -18.6132, -3.2931 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(75, 88, 41)` looks like.

```
.text, #text, p{  
    color:rgb(75, 88, 41)  
}
```

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(75, 88, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 88, 41) }
```

Border

The CSS property to change the border of an element to YUV 78.7550, -18.6132, -3.2931 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(75, 88, 41) }
```


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

```
.border{ border-color:rgb(75, 88, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 88, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 88, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 88, 41);  
box-shadow:4px 4px 4px 4px rgb(75, 88, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.7550, -18.6132, -3.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 88, 41) }
```

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

```
.background{ background-color: rgb(75, 88,  
41) }
```

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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